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ABSTRACT

This publication is a status report of the educational programs of the Veterans Administration (VA) Department of Medicine and Surgery. The intent of the report is to provide documentation of the major contribution being made by the VA to the training of manpower for the health care field. The VA's role as a unique national health resource makes it an indispensable participant in any national plan to improve the health care of the nation. A brief history of education and training in the VA Department of Medicine and Surgery is provided, followed by a description of each of the following program areas: house staff training, allied health training, administrative training, post-graduate and inservice training, exchange of medical information, medical illustration, and space for education and training programs. During the 1971 fiscal year more than 53,000 persons received training through the VA in 125 different health services programs. Data relating to these programs are tabulated alphabetically by city and state to show the accomplishments at each hospital and outpatient clinic. Appendices give additional information on past and present budgets, and provide references for relevant legislation and significant program documents cited in the text. (JR)

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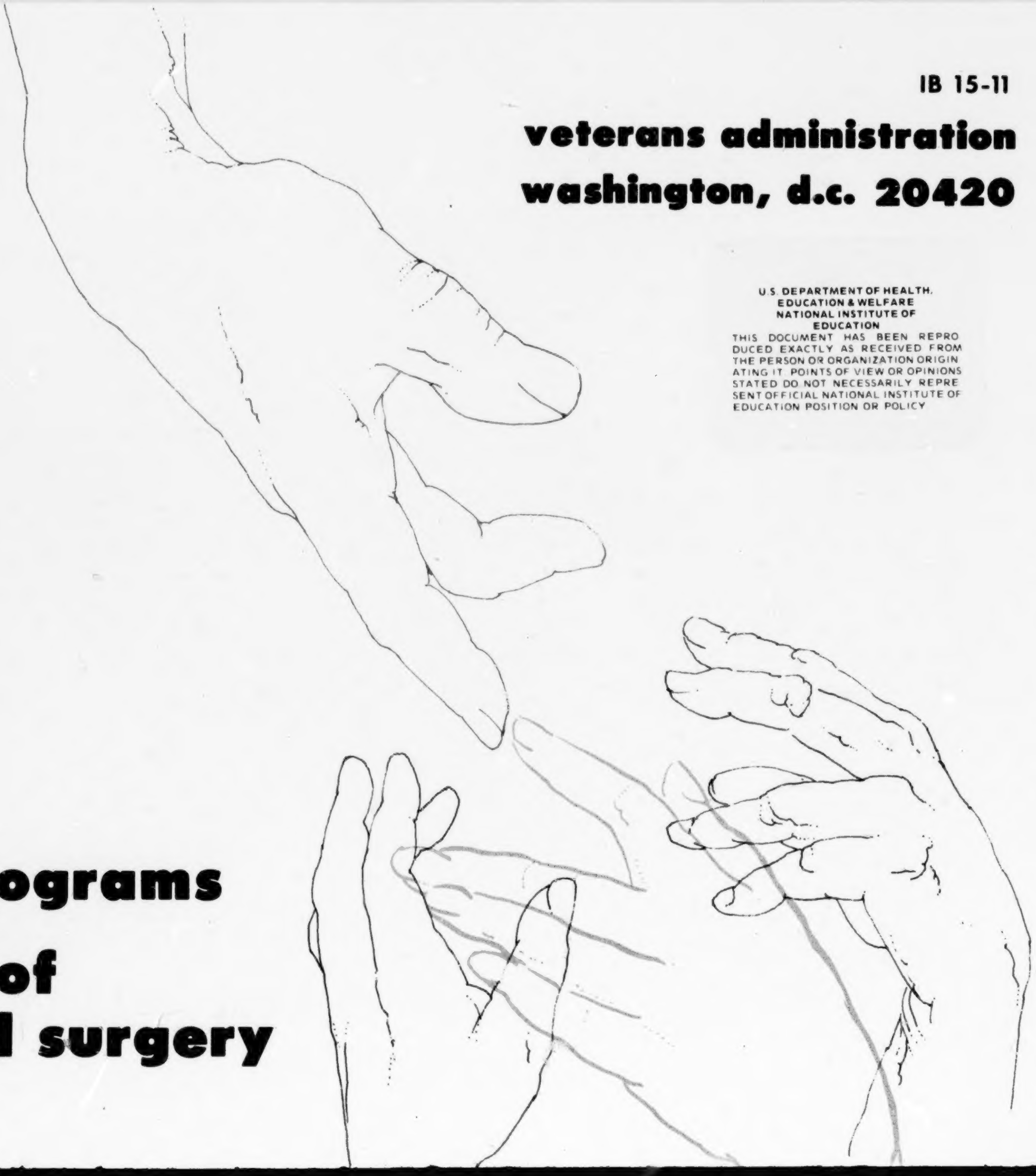

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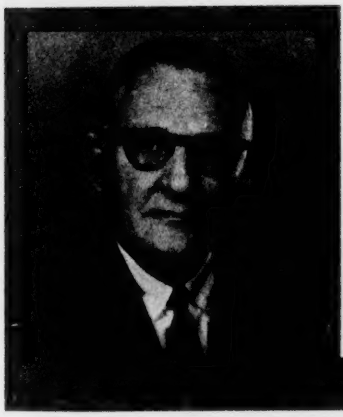

foreword

In fulfillment of its patient care mission, the Veterans Administration over the years has developed strong and varied academic affiliations and training programs. This investment has been highly justified by the consequent improvement in the quality of patient care, the quality of staff attracted to VA careers, and the retention of qualified staff.

Despite the size and qualitative success of the VA training program, its full potential has never been seriously approached. In fact, the VA is the only agency of government that is able to provide a balanced program of development for all categories of health personnel. Any national commitment to provide health care for all citizens must acknowledge the VA's pivotal role by virtue of its existence as a successfully functioning system, the only national one, for the education and training of health personnel.

A solution to the nation's health manpower problem will require the combined talents and energies of the private sector, the academic community, and public agencies. Institutions and human resources in widely scattered areas throughout the country will have to be mobilized. Much of the training will take place at the community level where students can be recruited and graduates placed in jobs near their homes. I believe that success can be achieved and that the cost of such an effort can be greatly reduced by taking full advantage of existing resources and by encouraging coordination and cooperation among all segments of the health care industry.

As this report will show, the VA's tremendous potential for education and training is on call to meet the nation's health needs.

M. J. Musser

M. J. MUSSER, M.D.
Chief Medical Director

preface

One of the marks of a good Service is its I/R ratio. (I/R ratio signifies the Initiation/Response, or "self-winding," ratio. This is the ratio of actions one takes on his own initiative as related to those he takes in response to suggestions, requests, or pressures. Albert Einstein claimed that this ratio is, in the last analysis, never greater than zero.[1] However, it is useful in everyday life.) This should, of course, be some middle value, such as 2.0 or 3.0 rather than an abrasive, frantic, unsettling 9,999 or a drudging 0.01.

Education Service has increased its I/R ratio with this report, the first in the history of the largest of all organizations for the education of health personnel, and the staff is to be congratulated for the achievement of having assembled all of this material in one place for the first time.

This report will be especially useful to give perspective to the rapidly expanding field of health education, since so much background information is included. We all look forward to the continued recording of progress in this most important field. Some idea of the importance of education can be gained by considering the two sources of all human behavior. What is not genetically determined is dependent on *education.*

JPittman

JAMES A. PITTMAN, Jr., M.D.
Assistant Chief Medical Director for
Research and Education in Medicine

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[1] *Einstein, Albert. The World As I See It, New York, N.Y., Philosophical Library, 1949, p. 2.*

introduction

The scope and diversity characterizing the present education and training activities of the VA Department of Medicine and Surgery justify, and even require, this first, comprehensive report by the Education Service.

While the relatively small Education Service is responsible for planning, supporting, coordinating, and evaluating the varied educational programs of DM&S, many of these functions as well as the actual implementation of these programs are appropriately, and of necessity, carried out by other Central Office, hospital, and clinic personnel. This report must, therefore, be viewed as a tribute to their vision and efforts as well as a chronicle of one Service's area of responsibility.

Our intent is that this report will provide unequivocal documentation of the major contribution being made by the VA to the training of manpower for the health care field. The VA's role as a unique national health resource makes it an indispensable participant in any rational plan to improve the health care of this nation.

Numerical data are most meaningful when displayed against a specific time frame. Figures which are cited to illustrate the scope and impact of Education Service programs are those of Fiscal Year 1971, the latest for which complete figures have been compiled.

The value of the programs herein described in support of the VA's prime mission of patient care is attributable to their multifaceted impact on the training and recruitment of locally scarce health manpower, the continuing education and consequently enhanced efficiency of all hospital and clinic personnel, and the career development of all DM&S employees.

It would be inappropriate to conclude this introductory statement without acknowledging the hours of additional effort devoted by the hard-working staff of the Education Service to the preparation of this report. They and I look forward to the continued recording of the VA's progress in this most important field

Laurance V. Foye, Jr. M.D.

LAURANCE V. FOYE, JR., M.D.
Director, Education Service
Research and Education in Medicine

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Benjamin Judah Lewis

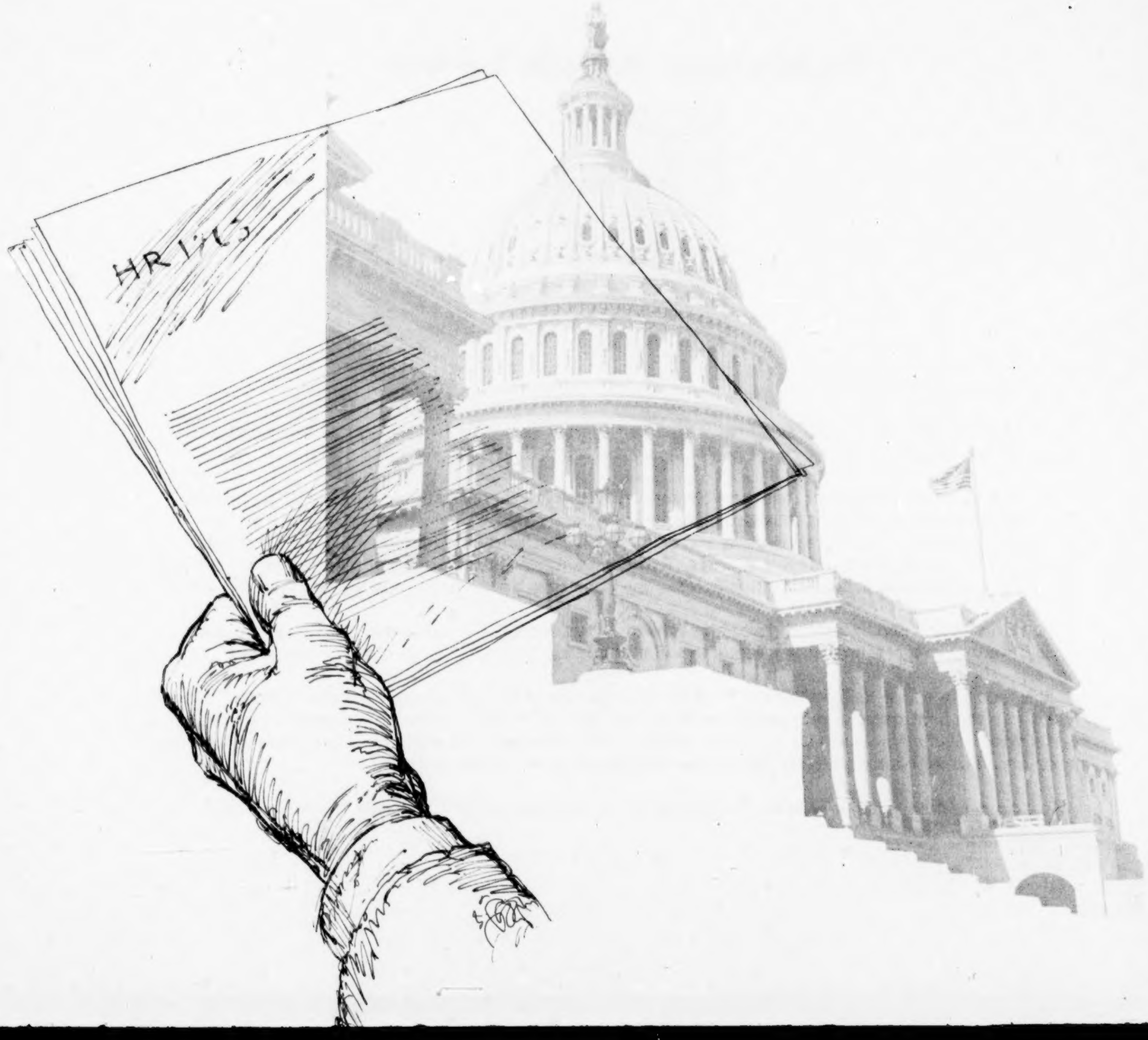
On April 20, 1972 Ben Lewis died unexpectedly of heart disease after fifteen years of the work he loved—on the Education Service of the VA's Department of Medicine and Surgery.

In these years Ben became an indispensable and irreplaceable expert on all facets of the VA's growing educational endeavors which he shepherded, budgeted, documented, explained, justified, and kept on course as six Directors of Education came and went. Each Director found his job easier and did it better because of Ben's strong and unfailing support. Ben sought no glory for himself but his every action brought recognition and success to the Education Service, the Department of Medicine and Surgery, and the VA.

To all his efforts Ben brought the scholar's breadth of knowledge, the humanitarian's viewpoint, and a sense of optimism and humor that insured, in so far as possible, a productive meaningful outcome.

This report, the first such account of the Education Service of DM&S, is very much one of Ben's "babies" and was in the final stages of preparation when we lost him. As he was the first to point out, this is an imperfect document simply because it is a first attempt, and he already was planning an improved version for next year. But, of course, without Ben there would have been no report at all.

It is proper, and indeed, inevitable, that this report be dedicated to Dr. Ben Lewis.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a brief history

— OF EDUCATION AND TRAINING IN THE VETERANS ADMINISTRATION DEPARTMENT OF MEDICINE AND SURGERY

Benjamin J. Lewis, Ph. D. *
Special Assistant to Director, Education Service

The history of the engagement of VA hospitals and clinics in education and training is an integral part of the history of the VA system's progressive measures for the continuing maintenance of high quality patient care. As World War II was ending and thousands of members of the Armed Forces were being discharged and reentering civilian life, the daily press and popular magazines carried articles highly critical of the medical care of veterans by the VA.

At this time, the American people were becoming increasingly conscious of developments in medicine, because of the wide publicity given to medical advances that were a direct response to the problems of war, such as effective use of blood plasma, new techniques in plastic surgery, and improvement of prosthetic devices for amputees. In a sense, some of the mystery which traditionally surrounds medicine was dissipated by public awareness of these developments. The motivation of Americans, many who had seen service themselves or had family members in the service, to evaluate and criticize VA medical practice, which affected them so directly, was understandably high.

One writer declared that "a medieval attitude toward medicine" characterized the VA, and this theme received a nationwide airing in the communications media. It was charged that education, training, and research were conducted only minimally in the VA system, and that veterans' medicine was isolated from the rest of the medical community. This included isolation from America's medical schools, which were increasingly adding graduate medical education—in the forms of internship and residency training programs—to their basic mission of educating medical students to become doctors of medicine.

Public Law 293: Educational Authority. In 1945, veterans' organizations and both houses of Congress studied the situation in some depth. Outstanding, for the nationwide interest which it engendered and for the legislation which it produced, was the investigation conducted, during most of 1945, by the House Committee on World War Veterans' Legislation of the 79th Congress.

This legislation, Public Law 293, was enacted January 3, 1946, several months before the committee presented its final report. The committee saw in Public Law 293 the solution to the deficiencies in veterans' medical care, deficiencies which, in the opinion of a substantial number of committee members, existed in large measure because of the lack of education and training programs and opportunities for VA medical staff. The two most important features of the law were the establishment of a separate medical organization within the VA, called the Department of Medicine and Surgery, under a physician Chief Medical Director; and the granting of authority to the agency to conduct graduate medical education—residency programs initially in the basic law, and internship programs in a later amendment to the law.

Thus, the VA received by statute what it had not had before, a solid medical identity and a specific authorization to engage in graduate medical education. These, together, could serve to draw the attention of the medical community, as had not previously been possible, to the VA's potential as a national resource for high quality medical care, attainable through an appropriate concentration on education and training. At this point, to achieve the goal of an end to VA isolation, the courting of America's medical schools, teaching hospitals, medical specialty boards, and professional organizations in medicine, was essential. This policy was recognized and pursued energetically by General Paul R. Hawley, the first Chief Medical Director, and Dr. Paul B. Magnuson, his assistant, who later succeeded him as Chief Medical Director.

**Deceased*

Policy Memorandum No. 2: Medical School Affiliation. Shortly before the passage of Public Law 293, General Hawley had described to the American Medical Association and had received its assurance of support for a contemplated program of drawing much needed regular and consultant staff from medical schools, and of establishing residency programs in VA hospitals. He and Dr. Magnuson had also conveyed to the medical schools an operating plan for their cooperation. This took final form only a few weeks after the enactment of Public Law 293, as the now historic Policy Memorandum No. 2, of January 30, 1946, entitled "Policy in Association of Veterans' Hospitals with Medical Schools."

This document cites as a common VA-medical school purpose the improved medical care for veterans. It declares also, for the medical schools, the goal of betterment of American medicine through increased facilities for graduate education. It defines generally and specifically the division of responsibility between the two cooperating parties with regard to care of patients, graduate education and training, and the operation of the hospital. Just as this is still applicable today in VA cooperative relations with all types of educational institutions, not only medical schools, so the VA hopes that the following will always be true in these relations:

> There can be no doubt of the good faith of both parties . . . . The purpose of both parties being unselfish, and there being no conflict of objectives, there can be no serious disagreement over methods.

The implementing mechanism of the VA-medical school affiliation, as set down in Policy Memorandum No. 2, was the Deans Committee, a mechanism which persists today essentially unaltered from its beginnings in 1946. This committee is composed of senior faculty members of the affiliated medical school, and has various important responsibilities in relation to the VA hospital. The strength of the committee over the years has resided in its autonomy and independence as a body which speaks clearly for the medical school *vis-a-vis* its affiliated VA hospital. Thereby, the Congress, the Office of Management and Budget, the veterans, the public, and the VA itself know unmistakably what the academic sector of medicine, which has been the VA's partner since 1946 in the quest for excellence, considers to be in the best interests of the medical care of veterans.

Within the framework of Policy Memorandum No. 2, affiliations with medical schools were established almost immediately and VA residency training instituted in cooperation with the schools. Since the VA has few women patients and no children patients, it was important that university hospitals provide training to VA residents in women's and children's illnesses. Most early VA residency programs were approved in the names of VA hospitals, with relatively limited outside training exposure, as indicated above, for the residents. As time passed, the educational advantages accruing to VA residents from greater rotation through non-VA hospitals became apparent. These combined programs received approval in the name of a group of hospitals, of which the VA hospital was one. The trend has continued in this direction, so that today the majority of VA residents are in such affiliated programs, as compared with the situation in 1946, when most were in independently approved VA programs.

In July 1946, VA hospitals were affiliated with 56 medical schools, with approximately 650 residents on duty. Today, VA hospitals are affiliated with 82 medical schools, with approximately 4,500 residents on duty on any given day.

Concentrating its teaching resources for graduate education purposes on residency training, the VA has had no inclination to conduct internship training on a large scale. This disinclination has been fortified by the questioning attitude toward the internship of the Citizens Commission on Graduate Medical Education and of American Specialty Boards. Approximately 630 interns are on duty in VA hospitals on any given day.

The VA role in undergraduate medical education has also been one of some magnitude. The clinical training by the VA of medical students was not included in Public Law 293—as was the residency and internship—nor in Policy Memorandum No. 2. Nevertheless, such training was what one Chief Medical Director saw as an inevitable "overflow" of the VA-medical school "educational tide." VA hospitals began modestly to provide clinical clerkships to medical students in 1946, and the program was given official recognition and sanction in the agency in 1948. In Fiscal Year 1971, approximately 12,500 medical students received training in VA hospitals.

It is of interest that there is some precedence for undergraduate medical education in the Federal hospital system, in that several Marine hospitals accepted medical students for training in the 1800s. Further, this type of VA assistance to the medical schools brings to fruition an observation made in 1923 by a committee of distinguished physicians (White Committee) which was studying veterans' hospital locations, that "it is a duty of our Government" to provide "for instruction of oncoming doctors" in veterans' hospitals.

Increased Scope and Benefits of Educational Activities. The VA, through its Department of Medicine and Surgery, has now had a quarter of a century of intensive relationships with medical schools. In addition to the usual forms of affiliation, there have been a number of instances in the recent past in which new medical schools were able to open several years earlier than would ordinarily have been possible, because the schools—administrative offices, classrooms, libraries, etc.—were set up in space provided in VA hospitals or on VA hospital grounds. There is ample evidence that a finding of the Association of American Medical Colleges, pursuant to its study of VA-medical school relationships, is even truer today than it was a decade ago, when the Association stated:

> ". . . it is the judgment of the deans of American medical schools that the Veterans Administration Hospitals comprise an important segment of the facilities which are currently used to carry on medical education in the United States."

The legislative history of Public Law 293 clearly relates the Congressional authorization of VA graduate medical education to the needs of patient care. Thus, as early as 1946, talented young physicians were being brought to the bedside of the hospitalized veteran. At that time, also, there was growing recognition in the medical world that a teaching environment for all types of hospital staff, not only physicians, would serve to upgrade the quality of patient care. Therefore, within the VA there was a gradual move to provide training in various ancillary disciplines, supplementing the academic portions of the curricula which were taken by the students at their schools.

Since Public Law 293 provided authority for the employment of part-time or temporary full-time staff, this method was used and students were so employed, their assignment consisting in being provided training. Thus, the Annual Report of the Administrator of Veterans Affairs for Fiscal Year 1947 mentions training programs for clinical psychologists, rehabilitation personnel, dietitians, and others. In 1962, legislation was enacted which specifically authorized individuals to be appointed on a part-time or temporary full-time basis, for the purpose of serving as trainees.

The numbers and types of trainees have increased steadily with the passage of time. By 1966, the VA was providing training to about 12,000 persons in 30 allied health occupations, of which the largest number, 7,600, were basic nursing students.

There never was any serious question that VA education and training should be and was indeed tied to the agency mission of medical care for veterans. Nor was there much incentive at first to think of training beyond this mission. Aside from a recognized shortage and/or maldistribution of physicians, a probably-already-existent nationwide deficiency in other health manpower was not alarmingly apparent in the 1940s through the 1950s.

Two things were clear: that VA patient care benefits were a customary byproduct of the training process, and that VA hospitals were being provided a substantial base in the trainees for recruitment of needed personnel. But a third reason for satisfaction was becoming increasingly apparent. The VA, in serving its veteran patients well through education and training, was also simultaneously serving as a source of replenishment for the nations's health manpower pool, to which it owed a considerable debt by virtue of its status as the single largest employer of such manpower in the United States.

Public Law 89-785: Expanded Educational Authority. It was not until 1965, concomitant with what appeared to be a peaked awareness by many disparate elements of American society of a critical, deepening health manpower shortage in the nation, that the relationship of VA education and training to this shortage received significant acknowledgment. At that time, the Subcommittee on Facilities of the President's Commission on Heart Disease, Cancer and Stroke, commended the VA's "leadership role in these [education and training] activities which are so vitally related to the provision of superior medical care for the veteran and general populations of the Nation." The commission added, "Here too, however, a vast resource is being incompletely utilized." This was a milestone report in its understanding that training for VA needs was realistically inseparable from training for the nation's needs.

The following year, Congress, aware that the VA training potential was relatively untapped, passed Public Law 89-785, which was approved November 7, 1966. Entitled the "Veterans Hospitalization and Medical Services Modernization Amendments of 1966," and called popularly the "Medical Omnibus" law, this legislation had several outstanding progressive features. Among these was the provision of authority for the education and training of "health service personnel," to the VA, acting in cooperation with schools of medicine, dentistry, osteopathy, and nursing; other institutions of higher learning; medical centers; hospitals; and other public or nonprofit bodies. This was stated in the law to be for the purpose of carrying out more effectively the functions of the VA Department of Medicine and Surgery, namely, those necessary for a complete medical and hospital service, including medical research, for the medical care and treatment of veterans.

The wording of the law represented firm legislative authorization of the education and training activities being conducted by the VA, in addition to the previously sanctioned residency and internship training. It is worthy of note, also, that in debate on this provision of the bill, its Congressional sponsor considered that "to bring into full use the already existing capacity for health service manpower training in the Veterans' Administration" was "a valuable partial solution" to the problem of the nation's health manpower shortage. There is much evidence that the passage of this bill, though peculiarly a VA proposition, reflected a heightened sense of responsibility on the part of the Federal Government for the health not only of veterans but of all citizens.

In response to the challenge implicit in Public Law 89-785, the Department of Medicine and Surgery of the VA has moved ahead dramatically from the total number of trainees, 26,374, at the time of the law's enactment. In Fiscal Year 1971, there were 53,086 trainees: 24,775 in some form of physician and dentist training, such as medical and dental students, residents, and interns; 27,941 in practically every allied health occupation active in hospitals and clinics; and 370 in medical administrative disciplines.

Most of this training is being accomplished in conjunction with various educational institutions. In addition to the 82 medical schools with which the VA is affiliated, VA hospitals cooperate in training with 52 dental schools, 91 graduate departments of psychology, 304 nursing schools, 38 occupational therapy schools, 22 pharmacy schools, 35 physical therapy schools and 75 social work schools; and, in other disciplines with approximately 300 universities, colleges, community colleges, and junior colleges, and 100 technical and other types of schools.

Beginning in 1967, the VA entered into active cooperation with various Federal Economic Opportunity and Educational Assistance Programs. Experience and training opportunities were provided by VA hospitals, in FY 1971, to 11,797 enrollees of these programs. Most of these, 6,973, were in the Neighborhood Youth Corps.

These individuals are assigned to different areas of the VA hospital where they get some exposure to various health service activities. Many are school drop-outs, and what they acquire from the VA in most instances is some work experience on a novice level, the main identifiable areas being in the food-service, housekeeping, clerical, nursing, and general paramedical fields.

A stated objective of Public Law 89-785 was "to create an environment of academic medicine" at VA hospitals. There was general recognition that such an environment already existed at VA hospitals affiliated with medical schools. The idea, then, was to bring remote VA hospitals into constructive relationships, where possible, with affiliated VA hospitals and medical centers. Therefore, the law included a provision for the exchange of medical information (EMI) between the VA and the medical community. The continuing goal, as implemented for the past 4 years and with recent authorization in Public Law 92-69 of August 6, 1971 for a 4 year extension, has been to forge an effective educational and professional link between peripheral or "remote" VA hospitals and medical centers. This is being accomplished through pilot programs, supportable by direct fund allocations to VA hospitals and by grants to medical schools and like institutions, for innovative educational projects, and through the common use of electronic equipment. Every VA hospital now participates in at least one EMI program.

Continuing Education Programs. The VA has been deeply conscious of the responsibility for the continuing education of its medical and dental, allied health, and administrative staff. Continuing education consists of educational activities designed to keep such personnel abreast of advances in their respective fields. These may be courses on a full or part-time basis, usually of relatively short duration, or meetings, conferences, clinics, lectures, workshops, symposia, and institutes. All this could be done within specific or implicit authorities existing in Public Law 293. The Government Employees Training Act, Public Law 85-507 of July 7, 1958, as amended, which is applicable to most Federal agencies, has provided a superseding and in some respects, more favorable statutory basis for the assignment of VA staff to training and meetings.

In Fiscal Year 1971, non-VA authorities in all medical and hospital disciplines delivered approximately 4,409 lectures to VA staff. Supplementing this lecture activity, there were 67 visits of several days duration by senior medical and dental teachers to peripherally located and other non-affiliated VA hospitals. Approximately 4,608 VA personnel were assigned intramurally to VA hospitals having staff and facilities especially suited for certain types of instruction, or to VA conferences. About 11,535 VA staff were detailed at VA expense to extra-VA courses, institutes, workshop, conferences, and meetings, conducted by professional organizations, universities, and medical schools. Finally, it is estimated that 16,000 VA employees attended similar local non-VA educational activities at no cost to the VA.

Distinguished Physicians. The VA is proud of its unique Distinguished Physician staff. This position was established to bring into the VA system physicians who have made significant contributions to medical science, and who have attained exceptional professional stature over long and distinguished careers. The distinguished physician serves on a VA-wide basis as a consultant, lecturer, on in other teaching capacities, thus providing scientific and educational leadership within the system on behalf of veterans' medical care. In Fiscal Year 1971, three Distinguished Physicians were on duty: Dr. William B. Castle, at VA Hospital West Roxbury, Massachusetts; Dr. Tinsley R. Harrison, at VA Hospital Birmingham, Alabama; and former Chief Medical Director, Dr. William S. Middleton, at VA Hospital Madison, Wisconsin.

The Education Service. Within the Department of Medicine and Surgery of the VA, the administration of the educational programs at VA hospitals and clinics resides in the Education Service. This unit evolved out of the basic organizational structure of the Department, immediately subsequent to Public Law 293. Originally, it was a functional part of a combined Research and Education Service, but, as education functions become delineated, the Education Service emerged as one of two separate services, the other being Research, under the Assistant Chief Medical Director for Research and Education in Medicine. To meet the growing educational activities and needs of the Department, the Education Service was recently reorganized. Under the Director, there are five Divisions: House Staff Training, Allied Health Training, Administrative Training and Career Development, Medical Illustration, and Education Operations, the last servicing the other Divisions administratively and fiscally. As part of the Office of the Director of the Education Service, there is an Office of House Staff Affairs, which serves as a direct liaison with the VA's residents and interns insofar as duties, stipends, working conditions, and communications are concerned.

Recognition of Education and Training in the VA. A review of the history of the VA's role in education and training, no matter how brief, would be deficient if it did not include reference to significant considered opinions concerning past achievements and future possibilities. The judgment of the deans of America's medical schools was mentioned earlier, as was that of the Subcommittee on Facilities of the President's Commission on Heart Disease, Cancer and Stroke.

In his Special Message on Veterans Affairs of January 30, 1968, the then—President Johnson pointed to the many already being trained each year in VA hospitals, "who take their skills to the communities of this country," and directed that VA training be increased for the nation's needs. At the same time, the Advisory Committee on the Survey of Research and Education in the VA established by the National Academy of Sciences-National Research Council, recommended:

> That the Veterans' Administration seek full implementation of Public Law 89-785 to expand its programs of professional and non-professional education and training in health-related fields, not only as a means of improving the standards of medical care in its own hospitals, but as a contribution to the nation's pool of trained manpower.

Also in 1968, the U.S. Veterans Advisory Commission, expressing concern over the national shortage of health manpower, recommended:

> That the VA utilize its network of hospitals and its skilled personnel to the greatest degree possible to train more personnel in the health occupations. This action will serve not only the desired national purpose, but will also better equip the Agency to perform its function of caring for veterans.

The VA's historic and continuing core relationship with the academic world for the continuing improvement of veterans' medical care has been with the medical schools. It is especially noteworthy that when the Association of American Medical Colleges publicized Public Law 89-785 to its institutional and individual membership in the Association's *Bulletin,* the presentation read, in part:

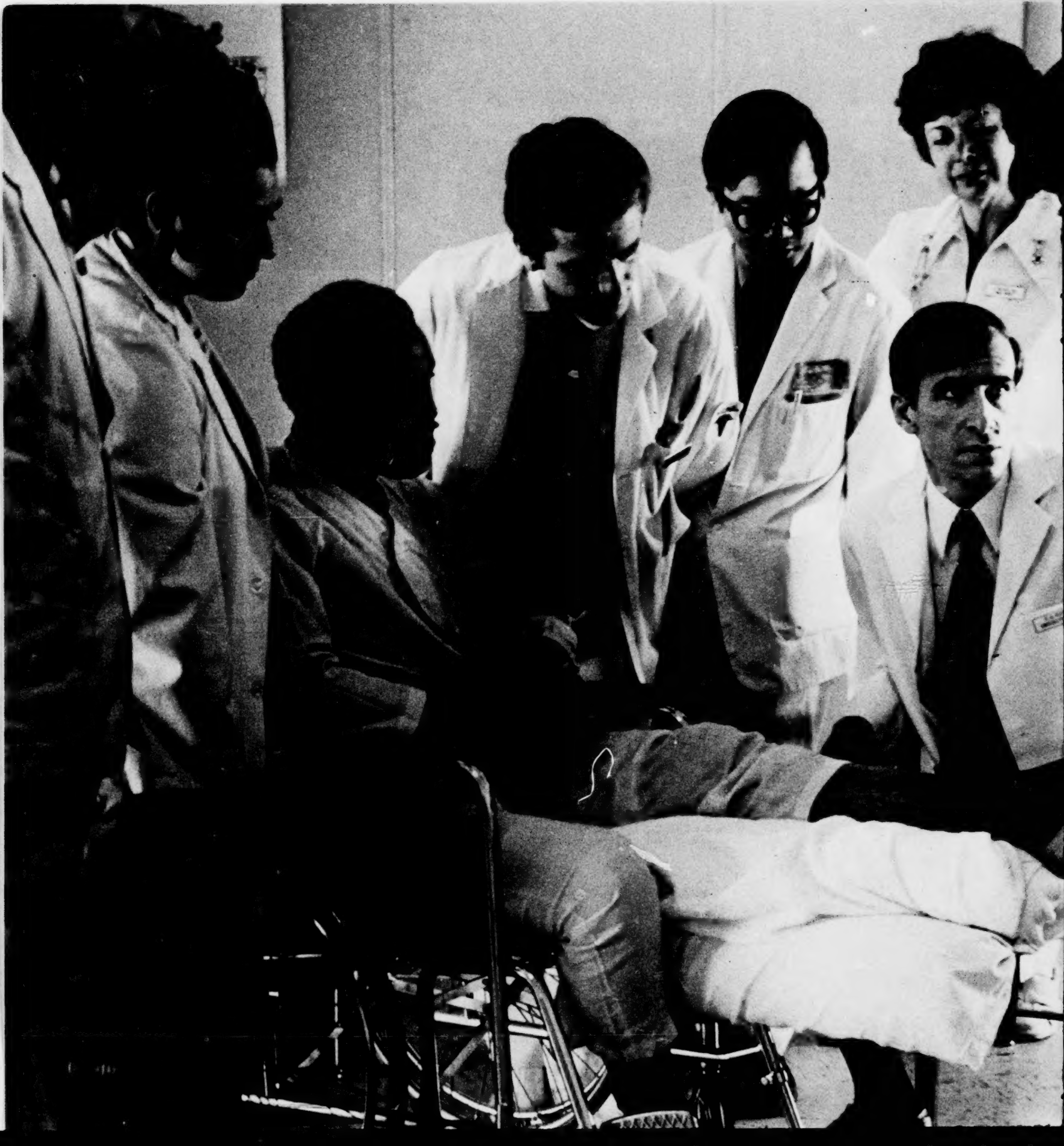
> Heretofore VA's educational activities could be justified only as and to the extent that they might be necessarily incident to the primary task of caring for veterans. Its new authority should enable the VA to do an even better job in terms of the mutual relationships between itself and our schools of medicine. It also promises to enable the VA, which has greater hsopital bed capacity than any other single administrative entity in the western world, in cooperation with colleges and universities, to undertake on a grand scale the training of all grades of paramedical personnel. Should this possibility be realized—and the President's Commission on Health Manpower is interested in it—the VA could make a tremendous contribution to the solution of manpower shortages in hospitals and clinics throughout the country.

Finally, the recognition of the VA's potential in education and training presented by President Nixon, in his Statement on Veterans' Medical Care of April 2, 1970, is indeed encouraging to the agency:

> Fuller reliance on the VA's system of 166 hospitals for medical education purposes would not only improve the VA's position—as a consumer of health services personnel—but would also help the entire nation meet its requirements in the health manpower area.

Obviously, great good has been both envisioned and consummated through the instrumentality of the VA. The agency has actively accepted the charge that its hospitals and clinics be used as a training ground for those engaged in advancing the health of America's veterans and indeed the health of the entire population. The VA looks forward eagerly to even greater accomplishments in education and training in the coming years.

program areas



house staff training

Arthur S. Cain, M. D.
Chief, House Staff Training

Fiscal Year 1971 completes 25 years of VA participation in graduate and undergraduate medical education. Annually, thousands of medical students are assigned to university-affiliated VA hospitals for various parts of their curriculum. VA staff members serve as their faculty. Additional thousands of medical graduates from the United States and abroad receive major portions of their training in specialized medical fields to prepare them for certification by the various American Specialty Boards. The VA now occupies a position of primary importance and responsibility among the major educational resources of the United States, resources upon which the nation depends for the preparation of physicians and their supporting allied health workers. During this quarter-century VA's educational responsibilities have expanded to include almost every phase of undergraduate and graduate medical education as well as nursing, the allied health professions, and research fields important to the delivery of health care.

More than three-fourths of our 166 hospitals participate formally in these educational programs. One hundred fifteen hospitals provide internships and residencies for graduate physicians. The distribution of VA hospitals across the country is so broad that the VA's support of medical education is available in every State.

A total of 3,985 positions in VA residencies were filled throughout FY 1971. Because of the rotation of residents between VA hospitals and affiliated institutions in fulfillment of their educational curricula, the number of individuals participating in VA residencies was several times this number.

Specialty Training. The number of resident physicians continuously present in VA hospitals varied from as many as 200 in the largest hospitals to as few as one or two in the smallest. Generally, VA hospitals affiliated with a medical school offer a wide range of residency programs covering every specialty field except obstetrics, gynecology, and pediatrics.

The VA offers a total of 806 specialty residency programs as follows:

Specialty	No. of Programs
Internal Medicine	68
General Surgery	87
Psychiatry	67
Radiology	47
Thoracic Surgery	32
Neurology	48
Ophthalmology	58
Anesthesiology	37
Nuclear Medicine	1
Urology	68
Plastic Surgery	27
Neurosurgery	48
Otolaryngology	46
Orthopedics	63
PM&R	26
Dermatology	28
Pathology	54
Colon and Rectal Surgery	1

The demand for residency programs in the subspecialties of internal medicine represented one of FY 1971's heaviest pressures. In earlier years, physicians seeking special competence in such areas as infectious disease, pulmonary disease, hematology, gastroenterology, endocrinology and other fields within internal medicine satisfied their interests through research fellowships and opportunities in medical practice. For several years, however, the demand for physicians with such secondary competence has grown. Special examining boards have been and are being established to determine qualifications for recognition in these areas under the aegis of the American Board of Internal Medicine. Fortunately, the VA has anticipated the growing importance of the subspecialties and offers certain training opportunities within its career development programs. With this experience and the urgent pleading of medical educators we were quickly able to provide formal programs accepted by the examining boards for qualifying physicians in these areas. Although it has placed one more drain on the available budget it has brought to VA hospitals physicians seeking career opportunities in the subspecialties and provides greater talents to be used in the care of patients.

Foreign Medical Graduates. For more than 5 years, graduates of foreign medical schools have sought specialized training in VA hospitals. They have constituted a growing proportion of our residents. In some hospitals they all but engulfed graduates of U.S. medical schools. While the presence of physicians from other countries adds a great deal to a program's yield for graduates of U.S. medical schools, the programs must be maintained in such a way that they provide education in U.S. medical concepts. During FY 1971 it became possible to bring about a broader distribution of foreign medical graduates among our programs and at the same time accept more of them in VA programs. This was effected by a change in the State Department's regulations on exchange visitors conversion to immigrant status and a tightening of VA qualifications for appointment as residents. All believe that the programs were improved for foreign medical graduates as well as U.S. graduates.

During FY 1971 Education Service processed and approved for appointment as new interns or residents 1,044 applications from graduates of medical schools in 66 foreign countries. Of these graduates only 10 were U.S. citizens who had studied abroad. About the same number of foreign citizens who had studied in U.S. medical schools sought appointments in the VA.

The distribution of the foreign medical graduates according to the countries in which their medical schools were located was as follows:

Country	No. of Residents
Argentina	21
Austria	2
Australia	11
Belgium	5
Bolivia	6
Brazil	12
Burma	5
Canada	16
Ceylon	4
Chile	8
Colombia	22
China (Mainland)	3
Cuba	7
Czechoslovakia	7
Denmark	1
Dominican Republic	4
Ecuador	5
Egypt	28
El Salvador	3
England	6
France	4
Germany	28
Greece	18
Guatemala	10
Haiti	3
Honduras	3
Hong Kong	3
Hungary	2
Iceland	1
India	160
Indonesia	6
Iran	75
Iraq	8

Country	No. of Residents
Ireland	10
Israel	4
Italy	6
Jamaica	2
Japan	25
Korea	74
Lebanon	10
Liberia	1
Malaysia	2
Mexico	23
Netherlands	4
New Zealand	1
Nicaragua	1
Nigeria	3
Norway	1
Paraguay	4
Pakistan	39
Peru	24
Philippines	148
Poland	9
Portugal	1
Roumania	1
Scotland	2
South Africa	5
Spain	19
Switzerland	7
Syria	8
Taiwan	38
Thailand	53
Turkey	9
Venezuela	8
Wales	1
Yugoslavia	4

Fifty-five of the foreign medical graduates were approved for internship training. The 989 foreign graduates approved for appointment to residencies showed the distribution of interest among the various medical specialties as indicated below. Internal medicine was by far the most popular with general surgery second.

Specialty	No. of Residents
Internal Medicine	313
General Surgery	138
Anesthesiology	81
Pathology	69
Neurology	65
Urology	40
Radiology	35
Gastroenterology	32
PM&R	28
Cardiology	26
Psychiatry	20
Neurosurgery	19
Orthopedics	19
Otolaryngology	19
Pulmonary Disease	15
Thoracic Surgery	14
Nephrology	11
Dermatology	8
Endocrinology	8
Ophthalmology	8
Hematology	7
Plastic Surgery	6
Infectious Disease	3
Nuclear Medicine	2
Rheumatology	2
Allergy	1

Mutually beneficial cooperation between medical schools and the VA continues today with increasing vigor, although the Federal Government neither requires VA staff physicians to contribute their time to medical education nor pays them to do so. Unquestionably, the better and more extensive the teaching involvement in a hospital, the greater is the ability to recruit and retain capable physicians. In recent years, the substantial support of clinically oriented research in VA hospitals has enhanced the attractiveness of VA careers.

Currently, the demand on the VA for increasing its role in residency training is at the highest peak in history. The gradual shift from earlier concepts of medical practice has brought a greater demand for specialty training and thus increased the number of physicians seeking residencies. Many individuals who might have gone into general practice directly from an internship are not doing so. The impending demise of the medical internship and the void it creates draws many of these physicians into residencies. Some of the newer programs in family practice include rotations to VA hospitals for certain specialized segments of their training. Another element is the growing importance of subspecialties within a primary specialty. This has stimulated the development of new subspecialty residencies. The VA has been in the forefront of this movement. Military surgeons returning to civilian life are resuming interrupted graduate training or proceeding into subspecialty training before resuming their careers. The VA is especially anxious to support the interests of these physicians.

The VA is meeting all of these demands and changes. If finds its position in medical education being shaped by many of the same factors which existed in 1946.

The radical changes in education, research, and physicians' interests occurring since the original authorization require staff involvement in medical education at a far more exacting level than that of the residency or clerkship of 25 years ago.

The importance of salaries in recruiting or holding capable physicians for either medical school faculty or VA staff needs no explanation here.

There have been long periods in which VA salaries were more attractive than a full-time faculty salary. In these periods, the affiliation concept made it possible for the VA to recruit to its staff individuals a school could not support, and made possible many a school's access to talents it might have been unable to assemble under its own roof.

Now the VA is at somewhat of a disadvantage in compensating physicians with the abilities and background both it and the schools would like to have. This has become painfully apparent during this and the preceding fiscal years. At a time when medical schools are turning to VA for the acceptance of increasingly greater educational responsibilities, a staff salary structure which does not parallel that offered the faculty of the schools themselves presents a serious handicap. It can only be hoped that the coming year will not see further erosion in numbers and abilities of physicians who are attracted to VA hospitals by the superb professional opportunities.

Thus, the evolution of VA as an important element in medical education began with the availability of physical facilities which medical schools could not provide. With the availability of VA hospital beds for teaching purposes the VA was able to attract to its hospital staffs physicians with superior abilities in clinical medicine to serve as teachers. This brought the care of veterans to a very high level. As medical schools acquired more hospitals of their own, the need for VA beds decreased. The need for competent teachers, however, did not decrease and this maintained the VA's position as an essential educational element. Soon the schools began to acquire funds for the support of more faculty within the school itself and the need for VA-supported teachers diminished. About this time the opportunities for research became important elements in the recruitment of medical school faculty. Expansion of VA research facilities maintained the VA's position by providing research opportunities which supplemented the meager resources of many medical schools. In FY 1971 all three elements are desperately required by academic medical institutions. The VA is in a position to supply them to its own advantage if it can adjust to changing educational concepts and acquire the facilities necessary to maintain its position.

Advanced Specialty Training Program. In 1966, the Education Service developed plans for a highly individualized program, designed for selected physicians who were entering one of the specialties. In FY 1968, this program was announced and applications were received and reviewed. The first programs were funded the following year. In 1970, the program underwent some revision, the name was changed from "Research and Education Training Program" to "Advanced Specialty Training Program," and the former "Research and Education Trainees" were redesignated as "Clinical Associates."

The purposes of the Advanced Specialty Training Program are:

1. To encourage the development of outstanding advanced residency training programs in the various medical specialties;

2. To attract and retain within the VA system bright young

physicians who can become leading clinicians, teachers, and members of the full-time hospital staff;

3. To promote the coordinated and optimal use of the facilities and resources of both the VA and its affiliated university for the training of physicians and the cementing of institutional relationships; and

4. To enhance the overall quality of VA residency programs by providing a standard of specifically identified and funded, formally-planned, specialty training programs of the highest quality.

The mechanism established for requesting and supporting Advanced Specialty Training requires that the prospective training director submit a written program description and budget. These materials are then evaluated by a peer review committee made up of appropriate experts. The ultimate decision regarding support of the proposed training program is based on consideration of the recommendations stemming from the peer review process, on an evaluation of the proposal in the light of major programmatic requirements and structure, and finally on availability of funds. A proposal will most frequently justify support if it provides training of the highest quality through the melding of both practical and didactic clinical, teaching, and research experiences; if it effectively utilizes the facilities and resources of the VA hospital and related institutions; and if it satisfies applicable specialty board requirements.

Training programs are usually approved for a maximum of four years with a limit of four trainees in the program at any one time. Trainees are selected by the Program Director, subject to certain program requirements, and customarily enter this specialty training following completion of their first 2 years of residency. Often these programs will provide the first major exposure to research planning and design, data evaluation and analysis, and the preparation of study protocols or manuscripts for publication. Typical programs are 2 years in duration and may provide exposure to biostatistics, clinical pharmacology, basic and clinical research, clinical teaching techniques, and the employment of the most advanced diagnostic and therapeutic procedures characterizing a given specialty. Sufficient flexibility is provided to permit modification of the training program to meet the unique needs and interests of each individual trainee, while retaining those elements which insure that the training will satisfy relevant specialty board requirements.

Approval and support of Advanced Specialty Training Programs result in the designation of specific funds for trainee stipends, supplies and equipment, consultant fees, tuition and registration costs, and other expenses. Support is committed by Central Office for a specific number of trainees and a specific number of years "depending upon the availability of appropriated funds." Requests for continuation of support beyond the committed period are reviewed by the peer mechansim from the standpoint of quality, productivity, and progress in each specific program.

Graduates of this program may apply for acceptance into the next higher steps of the Research and Education Career Development ladder, i.e., Research and Education Associate or Clinical Investigator. These latter programs provide a step-wise career progression which continues in the Medical Investigator and Senior Medical Investigator positions with increasing degrees of emphasis upon research competence and productivity, and are therefore funded, supported, and administered by the Research Service rather than the Education Service.

A table summarizing the review and funding history of applications submitted for this program through FY 1971, and a listing of all funded programs follows.

Table 1. Advanced Specialty Training Program

Fiscal Year	Programs Submitted	Disposition		Results		
					Nonrecurrent Costs (Thousands)	
		Approved	Funded	Trainees	Total	Per Trainee
68	83	49		0	0	
69	84	50	43	9	480	$53,300
70	64	41	41	59	1849	31,300
71	33	12	27	120	2832	23,600
Totals	270	152[a]	111[a]			

Reviews are pending on some FY 71 submissions.
[a] Reasons for non-funding of approved programs
(1) priority too low in a well-funded specialty.
(2) program director left and station withdrew.
There were 16 programs in categories (1) and (2).

Table 2. Advanced Specialty Training Programs
(Supported in FY 1971 and Committed in FY 1972)

CARDIOLOGY
Augusta
Salt Lake City
Los Angeles (Wads.)
Seattle
Washington, D.C.
Portland
Gainesville
San Francisco
Cincinnati

DENTISTRY
Boston OPC
Houston
Philadelphia
Pittsburgh (LFR)
Ann Arbor
Miami
Chicago (Res.)
Boston

DERMATOLOGY
Denver
Miami
Allen Park
Memphis

ENDOCRINOLOGY
Syracuse
Minneapolis
West Haven
Seattle
Nashville
Dallas
Chicago (WS)
Miami
Denver
Indianapolis

GASTROENTEROLOGY
Salt Lake City
Iowa City
Durham
Cleveland
Philadelphia
Los Angeles (Wads.)
Seattle
San Francisco
Augusta
Oklahoma City
Denver
Washington, D.C.
Portland
West Haven
Richmond
Gainesville

HEMATOLOGY
Madison
Portland
Cincinnati
Nashville
West Haven
Oklahoma City
Durham
Chicago (WS)
Minneapolis
Miami
Seattle
Gainesville

IMMUNOLOGY
Salt Lake City

INFECTIOUS DISEASES
Iowa City
Nashville
Minneapolis
Tucson
Miami
Los Angeles (Wads.)

NEPHROLOGY
Durham
Oklahoma City
Los Angeles (Wads.)
Salt Lake City
Nashville
Houston
Miami
Iowa City
Philadelphia

NEUROSURGERY
Long Beach

NEUROLOGY
Denver
Durham

NUCLEAR MEDICINE
Hines
Houston
Los Angeles (Wads.)
San Francisco
Denver
Wood
Birmingham
Palo Alto
St. Louis
Durham
Buffalo

PATHOLOGY
Boston
Palo Alto
New York
Charleston
West Haven
Albuquerque
St. Louis

PHARMACOLOGY
Iowa City
Boston

PHYSICAL MEDICINE AND REHABILITATION
Portland
Houston
Buffalo

PSYCHIATRY
Philadelphia
Durham
Houston

PULMONARY DISEASES
Salt Lake City
Cleveland
Seattle
Durham
Albany

RADIOLOGY
Little Rock
San Francisco
Cincinnati

RHEUMATOLOGY
Philadelphia
Los Angeles (Wads.)
Birmingham

SURGERY
Richmond
St. Louis
Minneapolis

The Career Residency Program

History and Program Structure. The Career Residency Program was established approximately 15 years ago to develop the career service by providing specialty training for full-time physicians and dentists already employed by the VA, for physicians and dentists not yet employed but desiring a VA career, and to provide care to patients through the obligated service of physicians in shortage category specialties.

Traditionally, professional standards for selection of career residents have been the same as those for regular residents. No distinction is drawn insofar as training is concerned between the regular and the career residency programs. The distinction is essentially one of compensation and obligation. The career resident receives the higher pay of a regular staff physician and accepts the obligation to serve a specific period after his training, often at a non-affiliated hospital requiring his specialty. Other factors are also carefully weighed in the nomination and selection process. For example, the applicant must be mobile and sincere in his desire to perform his obligated service. Liability for military service must also be given consideration.

Selections for the program are made from the "outside" and from physicians in DM&S, and are processed locally the same as regular residents. The length of obligated service is related by formula to the length of training provided; (e.g., 12 months for 12, 18 for 24, 24 for 36, etc.). In the event the contract for obligated service is not fulfilled, the career resident becomes liable to the VA for a predetermined reimbursement of funds as "liquidated damages."

Recent Problems. Until very recently the program's major attraction for young physicians and dentists has been the differential between the full-time staff salary (up to Intermediate Grade) for which career residents qualify and the salary they would have received as regular residents. This has constituted the inducement to candidates to obligate themselves to service for a limited period of time at a location of the VA's choosing following the completion of their training. However, the increasing salary levels and concomitant benefits provided regular residents, especially in the past two years, have functioned to steadily reduce this salary differential.

Another problem recently encountered in this program concerns its diminishing success as a recruitment device in the scarce specialties, such as anesthesiology and radiology. As physicians completed their training in one of these fields, many have been hired away from the VA by private and community health groups and hospitals which glady assumed the contractual debt of the former career resident as a minor cost of obtaining his urgently needed services. Because of these problems and because of the essential emphasis upon greater utilization of the shrinking budget dollar, it was decided in FY 1971 to reexamine the achievements and status of this career program.

FY 1971 Program Review. The in-depth study conducted during the past year explored such facets as the following:

- Analysis of changing salary differentials between regular and career residents;
- Identification of the sources of candidates for the career residency program (i.e., by direct appointments, transfers from regular residency positions, and transfers from the full-time VA staff);
- Evaluation of the impact of the program upon each specialty in terms of the number of careerists enrolling, completing training, completing obligated service, etc.;
- Review of gains made to full-time staff directly from the regular and career programs; and
- Comparison of earnings between VA full-time staff in selected specialties and their counterparts in private practice.

Materials and comments provided by the concerned professional services were of inestimable help to the conduct of the study. Consideration was given to these data and opinions, to the results of the analyses noted above, and particularly to the end results achieved by the career program in terms of its established objectives.

Apart from the substantive implications of the study, statistical data relating to experiences in each specialty were consolidated into an interpretative table. Table 3 reflects the significant relationships by numbers of trainees within each specialty.

Table 3. Analysis of Career Residency Programs

Discipline	Period for Which Data Are Available	Number of residents who						
		Entered Training	In Training	Completed Training	In Obligated Service	Completed Obligated Service	Remained After Completion of Obligated Service	Still Serving VA
Anesthesiology	7/64-6/70	103	21	71	5	31	3	3
Dental	1/55-6/70	114	38	75	11	61	59	50
Pathology	1961-1970	224	25	162	35	33	23	20
PM&R	7/61-6/70	130	23	88	13	57	54	30
Psychiatry	1953-6/70	991	88	751	77	404	230	179
Neurology	1954-6/70	121	8	101	10	68	26	21
Radiology	6/56-6/70	176	36	125	15	69	17	15
Totals		1,859	239	1,373	100	723	412	318

The following statistical data yielded by the study were found to be especially significant:

1. Eighty-five percent of career residents completed their training;

2. Fifty-three percent of residents who finished training completed their obligated service; and of these

2. Fifty-seven percent remained in the VA after the completion of obligated service.

Review of the experience of the various specialties revealed rather marked differences in the success of their career residency programs. For example, while VA Anesthesiology Services have recruited only 3 percent of their full-time staffs through this program, Psychiatry Services have recruited 23 percent of their staffs by this route. This program also proved to be unsuccessful as a recruitment mechanism for Radiology, while palying an important role as a source of much needed staff for Physical Medicine and Rehabilitation Services and Neurology Services. The VA Dental Services have found the program to be their most important single source of the relatively scarce dental specialist.

Current Status. As a result of this study, certain decisions were reached:

1. The program was terminated for new candidates in the specialties of Anesthesiology and Radiology.

2. The program was continued in Dentistry, Neurology, Pathology, Physical Medicine and Rehabilitation, Psychiatry, and selected surgical specialties.

3. A Central Office review procedure was instituted to insure a more uniform application of selection criteria, nomination of candidates of optimum caliber, and acceptance of candidates with certain identifiable qualities to meet the special needs of each specialty (DM&S Circular 10-71-263).

4. Career residency positions are no longer allocated on the basis of a predetermined number of "slots" at a given hospital, but on the basis of the approval and appointment of individual candidates.

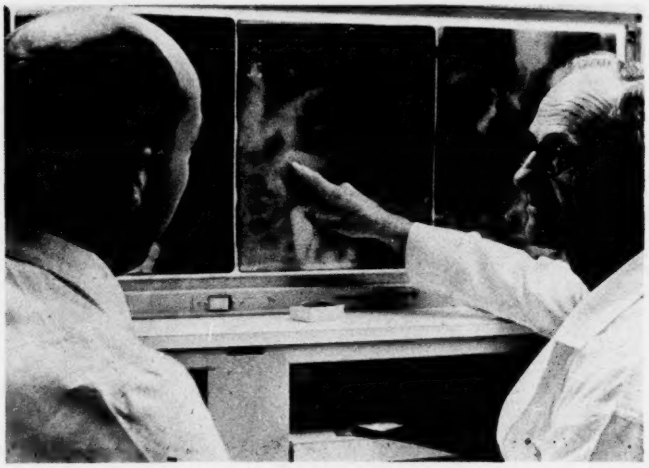
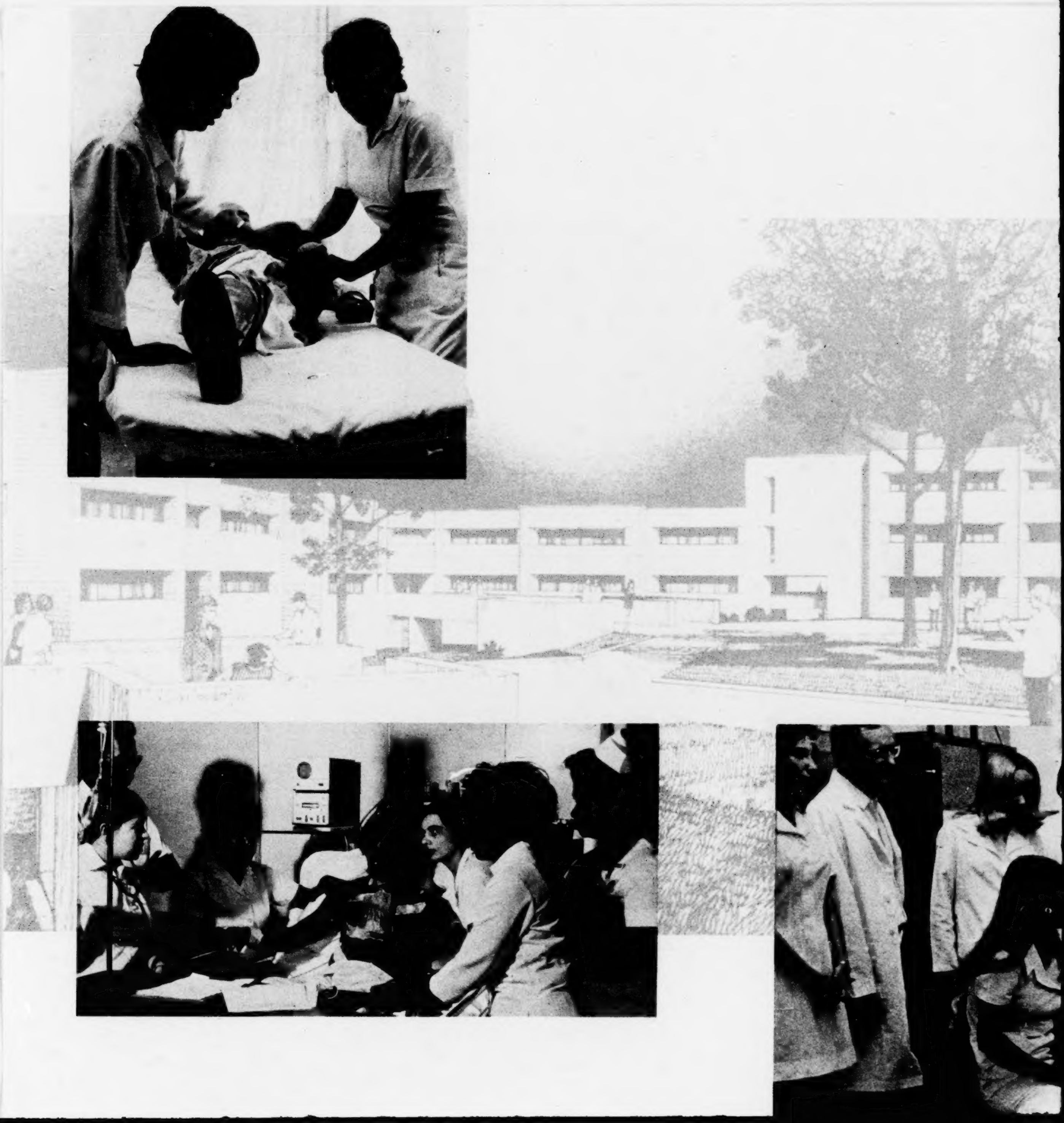


Table 4 shows the utilization of these career training positions by specialty for fiscal years 1970 and 1971 with projections for FY 1972.

Table 4. Career Residency Average Employment

SPECIALTY	FY 1970[a]	FY 1971[a]	FY 1972[b]
Anesthesiology	24	14	15
Pathology	39	30	32
PM&R	23	26	28
Psychiatry	94	83	85
Neurology	7	12	13
Radiology	39	26	25
Neurosurgery	1	1	1
Orthopedic Surgery	1	1	2
Medical subtotal	228	193	201
Dental	38	38	39

[a] *Actual.*
[b] *Estimated.*



allied health training

Martha L. Phillips
Chief, Allied Health Training

History. The history of the participation of the hospitals and clinics of the Department of Medicine and Surgery of the VA in the education and training of allied health personnel parallels almost identically the history of the system's participation in the postdoctoral training of physicians. Begun in the post World War II years as a partnership with a few major universities to provide clinical experience to postgraduate students in health-related professions, such as psychology and dietetics, the scope of these arrangements has increased and become more formal with the gradual systemization of what are now recognized as the "allied health professions." The present broad array of clinical affiliation opportunities represented by the Department of Medicine and Surgery system was firmly established as a major segment of the nation's health manpower production potential with the enactment of Public Law 89-785, November 7, 1966.

As the demands for health services, and thereby the requirements for health manpower, have increased in recent years, the unique clinical training capacity of a 166-hospital system has become more and more essential to the maintenance of an adequate supply of health manpower for the nation. At the same time the needs of the system itself have made it a major competitor in the health manpower market in each of the communities in which VA hospital and clinic facilities are located. This dual role, as a major producer and a major user of health manpower, has made the annual investment of the VA in allied health training a more and more essential, as well as appropriate, use of the funds provided by the Congress for the care of veteran patients.

Program Developments and Structure. In response to the VA's increasing concern with health manpower, it was decided in FY 1971 to create within the Education Service a Division of Allied Health Training. This was done in recognition not only of the significant present investment in the production of nonphysician health manpower, but also of the unparalleled opportunity to expand, improve, and experiment with the manpower components of this very large health care system.

The Division was established and initially staffed in November 1970. A first step was to define the parameters of its concern. A working definition of "allied health personnel," was developed for purposes of delineating administrative responsibility and for budget planning and forecasting. Allied health personnel includes all persons, other than physicians, dentists, and medical and dental students, engaged in providing direct health services to patients. In planning for initial efforts in the development and operation of training programs for programs relevant to such a broad range of disciplines, four major goals have been set:

- To assess the existing component programs currently conducted through the Education Service as to their impact on the manpower supply of the VA and of the nation's total health care system;
- To assist in increasing that impact on the most pressing manpower needs of the system and of the community;

- To accomplish these ends by serving as a clearinghouse for information, advice, and experience among VA hospitals and clinics and between VA vacilities and other institutions and agencies similarly concerned; and

- To build a documented and convincing case for increased support of allied health training efforts within the VA.

- As may be seen from the tabular material presented elsewhere in this report (see Appendix) the VA's many allied health training programs offer virtually every hospital and clinic in the VA system the opportunity to participate in various training activities, with educational and health care institutions in the community of which it is a part.

The tables also emphasize the scope of the system's allied health training activities, both in terms of the numbers of individuals involved and of the breadth of offerings of new and experimental areas as well as in the traditional allied health disciplines. Equally impressive is the number and variety of affiliated educational institutions—vocational schools and secondary school systems, junior and community colleges, private and public universities, and virtually all of the nation's major health science centers. These affiliations have become essential to the academic institutions for completion of their professional programs, and to the VA hospitals for maintaining an atmosphere of educational involvement and as an absolutely vital resource for recruitment of trained manpower.

Fiscal Year 1971 Highlights

Physician's Assistants—Beginning with groundwork laid in FY 1970, the Education Service formalized and began to implement plans for system-wide involvement of the Department of Medicine and Surgery in the training of Physician's Assistants. During FY 1971, Education Service approval was given to 15 VA hospitals to affiliate with nine different academic programs. These include 4-year baccalaureate programs such as offered by Alderson-Broaddus College affiliated with VA Hospitals Clarksburg and Martinsburg, West Virginia; and Baylor University affiliated with VA Hospital Houston, Texas; 2-year programs with baccalaureate options, as Duke University with VA Hospitals Durham and Oteen, North Carolina; and Bowman Gray School of Medicine with VA Hospital Salisbury, North Carolina; 2-year certificate or Associate degree programs such as University of Alabama with VA Hospitals Birmingham and Tuskegee, Alabama; University of Oklahoma with VA Hospital Muskogee, Oklahoma; and St. Louis University with VA Hospital St. Louis, Missouri; and 15-month MEDEX programs (concentrating on former, independent-duty qualified, military corpsmen) as Dartmouth Medical School with VA Hospital White River Junction, Vermont; and Drew Postgraduate Medical School with VA Hospitals Sepulveda and Wadsworth, California. The hospitals are participating in both the didactic and clinical portions of training in these cases where affiliates are geographically close. Some VA hospitals quite distant from Durham, including those in Batavia, New York; Biloxi, Mississippi; Mountain Home, Tennessee; Togus, Maine; and Wichita, Kansas; have agreed to accept one or two Duke University trainees for short specialized clinical rotations. Many other VA hospitals have expressed interest and are negotiating affiliations but will not begin clinical training activities until FY 1972.

Another significant achievement of the Education Service in the development of the Physician's Assistant concept has been the ongoing work on appropriate employment standards for this new occupational category. This culminated in the issuance of DM&S Circular 10-71-32, February 16, 1971 (see Appendix) to all VA hospitals, presenting detailed guidelines for the utilization of Physician's Assistants in VA medical care settings, and the publication shortly thereafter by the Civil Service Commission of the Announcement of the GS-603 Physician's Assistant Series.

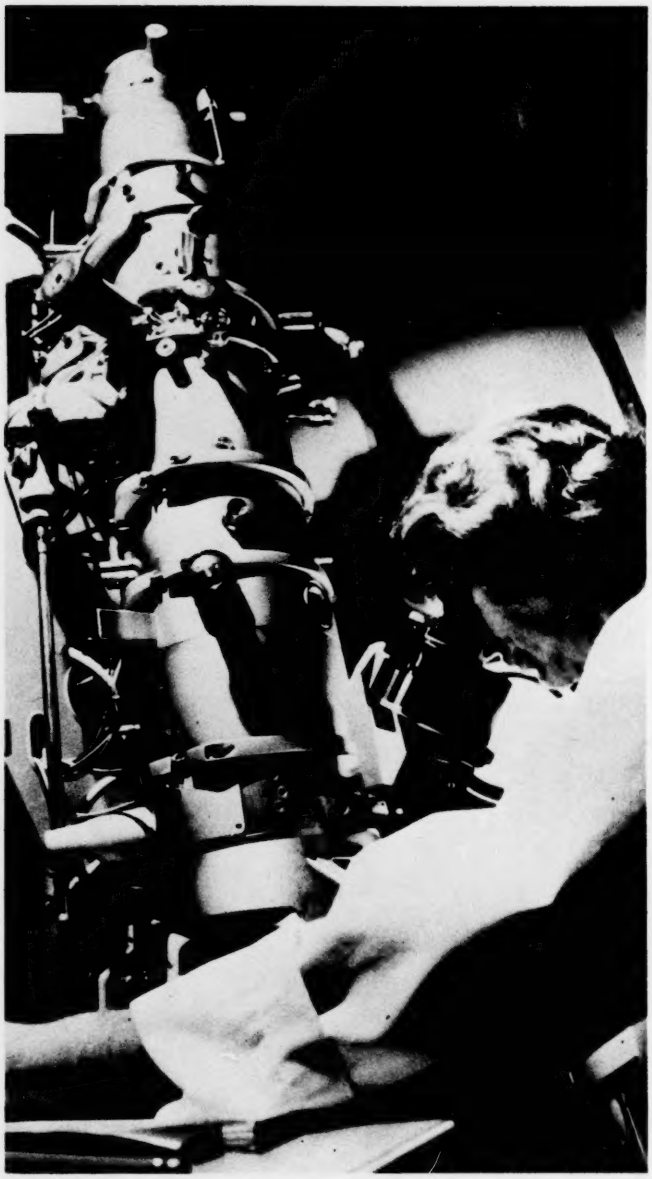
The Department of Medicine and Surgery now has seven Physician's Assistants employed under this new series. This number, although small in absolute terms, represents a significant portion of the trained Physician's Assistants eligible under the new Civil Service standards.

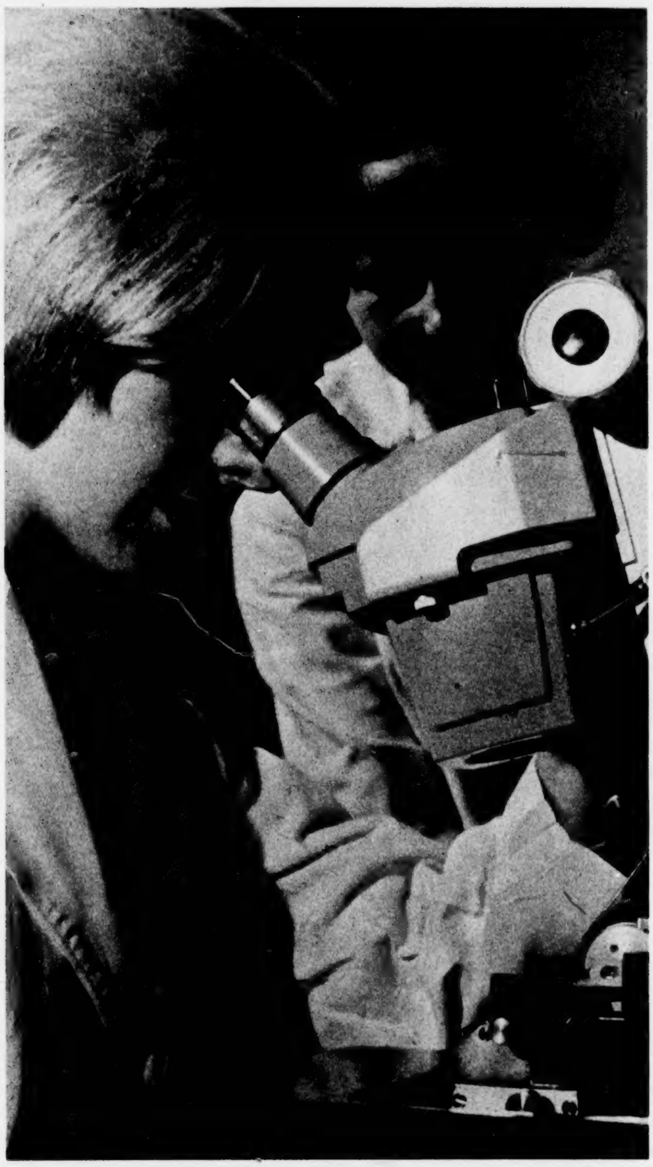
Education Space for Allied Health Training—It is anticipated that considerable allied health training will be accomplished in the first VA education building, funded in FY 1970, at VA Hospital Birmingham, Alabama, which was designed primarily for dental training. Equipped to advance the concept of four-handed dentistry, this permanent structure of some 12,000 square feet is planned for completion in October 1972.

The first building designed exclusively for the purpose of conducting training in the allied health disciplines was completed in June 1971. Situated on the grounds of VA Hospital Durham, North Carolina, it is a preengineered structure providing approximately 10,000 square feet of space at a base cost of $550 thousand. An additional $330 thousand has been invested in furnishing and equipping the building to include one large auditorium-style classroom accommodating 102 people, one for 48 people, and eight smaller convertible classroom/laboratories equipped for training in the disciplines of diagnostic and therapeutic radiology, clinical laboratory science, and the basic sciences and mathematics. It also includes 10 student carrels fully equipped for multi-media learning, and offices for faculty and administrative staff. In close proximity to both VA Hospital Durham, North Carolina, and the Duke University Medical Center, the building is a unique VA contribution to the health education and training complex in the Raleigh-Durham-Chapel Hill area.

To assure maximum use of this valuable educational resource to expand and improve the already extensive allied health training programs of the Durham VA hospital, the first centrally-funded position for an Associate Chief of Staff for Education was assigned there. The full time and attention of a highly competent health professional has been essential to the effective coordination of the various training activities in the hospital, and their academic counterparts at Duke University and other educational institutions with which the hospital is and may become affiliated.

Also, during 1971 a contract was approved and awarded for the construction of a combination Research and Education building adjacent to VA Hospital Kansas City, Missouri. This $4.5 million permanent structure includes approximately 20,000 square feet for research and 15,000 square feet for educational purposes. The basic design intent for the education space is similar to that of the Durham building. Although not located in direct proximity to a university or college, it is well within the metropolitan area served by the University or Kansas Medical Center, with which the hospital has a Dean's Committee affiliation, as well as by the University of Missouri at Kansas City with a developing medical school, and by a rapidly expanding Metropolitan Junior College system.





Plans have also been approved recently for the construction of a fourth educational building. In conjunction with VA Hospital Seattle, Washington, it will be essentially identical in structure and purpose to the building at Durham.

Staff Development Workshops for Spinal Cord Injury—A series of workshops was initiated in FY 1971 for the development and promotion of the multidisciplinary team approach to the care of spinal cord injury patients. The first of these was held at VA Hospital Long Beach, California, and was planned and conducted in cooperation with the University of California, Los Angeles. Teams of concerned professionals—physicians, social workers, psychologists, nurses, and therapists—from 10 VA Spinal Cord Injury Centers participated in the meeting under the leadership of a faculty of experts from within the VA and from such other institutions and agencies as university medical centers, insurance companies, veteran's organizations, private and public social and rehabilitation agencies, and nursing services. The workshop was planned in such a way that it has been possible to develop the recorded proceedings into a syllabus, for use by the representatives of each of the participating centers in the presentation of workshops for persons providing care to spinal cord injury patients in VA hospitals in the areas surrounding their home stations. This next round of "satellite" local workshops is planned for FYs 1972 and 1973.

Mental Health Associates—A special committee of Central Office personnel developed and presented to the Education Service a comprehensive proposal to initiate a series of six training programs for mental health associates. The committee's intent was to develop programs to produce non-professional generalists with some exposure to all of the disciplines involved in the care of psychiatric patients. Planned to include training in two "tracks," the program would serve as a career development opportunity for VA employees and as basic preparation for first entry into the health care field.

This very comprehensive and ambitious undertaking was beyond the scope of Education Service resources in FY 1971, but it is planned for implementation in FY 1972.

Future Projections. In planning future projections for the allied health training programs of the Department of Medicine and

Surgery, the Division of Allied Health Training has given special consideration to the accelerating rate of change in patterns of delivering health care services, and to the forces that are creating these changes: new knowledge about diseases and their treatment, technological advances, and the recognized special needs of certain groups of patients, such as Vietnam era veterans. Three major areas of effort have been identified for programming in FY 1972. These are: expanding enrollments in the allied health training programs presently supported, extension of the facilities of the Department of Medicine and Surgery to complement the health manpower production potential of other community institutions and agencies, and the development of patterns of improved utilization of persons previously trained and being trained within the system.

Working within an essentially level budget projection, enrollment increases will necessarily be almost entirely limited to programs in which no stipends are paid to trainees and in which the major expense is directly accountable to the operating budget of the individual hospitals. Reallocation of resources among the various disciplines will be undertaken in such a way as to concentrate some additional funds in individual programs which will produce identifiable increases in output of graduates available for employment in the community, and in disciplines with the most direct relevance to the major needs of the VA hospitals and the community for providing direct patient services.

Additional relatively modest investments will be made in providing leadership and coordination to realize maximum utilization of the education and training capacity of the VA hospital system. This will be accomplished by providing salaries for allied health training coordinators. These will be assigned to selected VA hospitals which have the potential of offering all or most of the clinical experience required to complete allied health programs of state or community colleges, and in which combined community efforts can be extended or enhanced to meet specific needs for health manpower in the hospital and in the community as a whole.

The Department of Medicine and Surgery has traditionally planned for new and special patient services on the basis of requirements for beds, space, equipment, supplies and staffing. The Division of Allied Health Training will begin to participate in this planning in terms of assessing the cost of recruiting and training the specially skilled personnel. Essential aspects of this activity will be careful scrutiny of present manpower utilization patterns, and identification of the potential for use of new types of manpower and innovative adaptations of the skills of persons trained in the more traditional disciplines.

administrative training

History. Why should the Department of Medicine and Surgery be concerned with administrative education and training? Is not the high quality of professional medical care which is typically to be found in VA hospitals primarily the achievement of its corps of professional medical personnel—its clinical physicians of all types and under the nurses, therapists, and all others who give direct treatment and care to the veteran? Of course it is! However, of all types of human institutions, the single most complicated one, from the standpoint of administration is, it has been justly remarked, the hospital. The VA's physicians and their assistants could not satisfactorily accomplish their mission were it not for the VA's administrative corps: the directors, the assistant directors, the chiefs of staff, the chiefs of service (who combine administrative and clinical duties), the administrative division chiefs (supply, fiscal, personnel, management, etc.,) and all the other "administrative" staff whose services are necessary to keep the organizational machine, that is a hospital or clinic, functioning.

Since the Department of Medicine and Surgery is so huge—in terms of mission, population served, and numbers of staff—and since even its major component entities, our 166 hospitals, are themselves sizable human organizations, the number of its administrators is also large. Few people love administrators. Indeed, those engaged directly in the accomplishment of the line mission of the organization tend to consider administrative personnel, including the administrators in their own special field of professional work, as "bureaucrats," who at worst go about creating obstacles to effective professional performance, and at best know how to get around the obstacles which their fellow bureaucrats have erected. It is probably safe to say there has never been a large human organization in which there has not been some degree of antipathy—often strong antipathy—on the part of the "line people"—be they physicians, fighter pilots, automotive engineers, or postal service delivery men—toward the administrative element of their particular organization. However, complaining about "administrators" is not really a constructive reaction. It may be difficult, in a large organization, to live *with* them, but it is impossible to live *without* them.

At the same time the popularity of the negative reaction to "bureaucracy" is indicative of the existence of a real problem. As the history of human organizations conclusively demonstrates, the larger the organization, the greater is the danger that its administration will tend to become inflexible, unresponsive, unimaginative, and "routinized." Complete administrative rigor mortis is perhaps unusual, but what might be called bureaucratic "rigor vivi"—caused by severe sclerosis of the administrative arteries—is distressingly common. What is worse, the disease does not limit its damage solely to impairing the immediate functioning of the organization. There are normally two additional long-term side effects:

a. The more capable individuals within the decaying organization tend to try to escape from it, which produces a further reduction in the average quality of the personnel, so that inevitably the organization's performance deteriorates at an accelerating pace; and

b. In recruiting staff for the organization it becomes more and more difficult to obtain quality personnel. The better people tend to avoid joining an organization which is reputed to be in declining health. They are apprehensive enough as it is of the deadening hand of the large bureaucracy, but if they do have to join one, they prefer an organization that has a reputation for vitality, growth, and high motivation.

This is what might be called the organizational pathology. Fortunately, organization heads have at their disposal a variety of measures to prevent the onset of the disease, or, if the disease has already made some incursions, to reverse its course. In the case of the Department of Medicine and Surgery, one of the principal therapies available is the fostering of a program of education and training for administrative personnel of the organization comparable, in many ways, to the education and training activities so rightly deemed essential for the maintenance and expansion of professional and technical skills in the purely medical area. Legislative sanction and encouragement of such education and training for Federal employees in general is to be found in the Government Employees Training Act of 1958. This Act was later strengthened by various Executive Orders, especially by Executive Order 11348, which declared it to be the policy of the Government "to develop its employees through the establishment and operation of progressive and efficient training programs, thereby improving public service, increasing efficiency and economy, building and retaining a force of skilled and efficient employees, and installing and using the best modern practices and techniques in the conduct of the Government's business."

It is, accordingly, the policy of the Department of Medicine and Surgery, within the guidelines furnished by law, the Administrator of Veterans Affairs, and the Chief Medical Director, to encourage its administrative staff to actively engage in education and training consistent with (a) the needs, abilities, and motivation of the individual, and (b) the needs and resources of the organization.

Program Developments and Structure. In the general area of administrative education and training, the role of the Education Service is of considerable significance in maintaining the quality of administrative staff of the Department of Medicine and Surgery, and in enhancing the attractiveness of an administrative career in the Department.

The Education Service plays an essential part in the accomplishment of administrative education and training of the following two types:

a. At the VA hospitals there are relatively long-term traineeships—typically for periods of 9 to 12 months—both for beginners in certain administrative fields (e.g., accountancy, supply, management analysis, and personnel management) and for experienced personnel who are being prepared for possible assignment to more responsible positions such as Assistant Hospital Director and Chief Nurse. These traineeships cover practically the entire spectrum of hospital administration, and constitute the principal point of entry for careers in the field of administration within the Department of Medicine and Surgery. In general, there has been over the years an upward trend in administrative traineeships. To illustrate, in FY 1971 the total number of personnel in administrative traineeships was 370 as compared with 164 in FY 1966. Two examples are the accountancy traineeships, which increased from 18 to 25 in the past 5 years, and personnel traineeships which increased from 45 to 82 in that period.

b. Department employees take courses and programs at academic institutions and other non-VA training centers; attend professional conventions, meetings, and conferences; participate in VA-sponsored seminars and workshops; and are detailed to other stations within the VA for various education and training activities. Typically these "off-station" activities are short-term individual episodes, e.g., attendance at the Inter-Agency Institute for Federal Hospital Executives, or take the form of after-work participation in a course at a local college or university.

Fiscal Year 1971 Highlights. The most important new development in FY 1971 was the inauguration of a formal, large-scale program for Graduate Education in Health Care Administration, open on a competitive basis, to all eligible Department personnel voluntarily applying. (Prior to FY 1971, there had been a less formal program of Graduate Education in Health Care Administration, but this had been very limited in number of participants and had not provided for open voluntary application.)

The main features of the new program, as set forth in CMD Memorandum 10-70-18, August 20, 1970, were as follows:

a. All Department employees who were eligible on the basis of grade, length of service, completion of college with a satisfactory academic grade average, etc., could apply to become candidates in the program.

b. Candidates would be subjected to a rigorous selection procedure and final selections would be based solely on merit.

c. Successful candidates would enter on a formal 2-year graduate-level academic training program in health care administration, subject to acceptance by a suitable university. Typically, the program would consist of one academic year on campus and 1 year of "residency training" off-campus at a hospital. While in the program, participants would continue to receive their full salaries.

d. VA personnel successfully completing the program would be placed thereafter, according to their qualifications, in some type of administrative health-care position offering opportunity for later advancement through the regular competitive promotion systems of the Department of Medicine and Surgery.

Some 500 applications were received from VA personnel. Of these, 138 applicants seemed to have enough promise to be worth interviewing, and 71 were rated as acceptable. Forty were actually selected for entry into the program, along with 19 alternates, and 38 of these candidates were accepted by an appropriate educational institution as graduate students in health care administration. The latter will actually begin their 2-year graduate education programs in FY 1972.

A second cycle of this program was announced on June 11, 1971. It is anticipated that another group of candidates will begin their graduate education in the fall of 1972.

In future years, graduates of this program should be an exceptionally valuable source of candidates for filling high-level administrative positions in the Department of Medicine and Surgery. Already identified as having supervisory potential, they should be able to add significantly to their management skills and abilities. This enrichment of the VA's pool of promotable administrative personnel will be especially welcome in the middle period of the seventies, when Department losses of higher-grade administrative personnel will be especially heavy.

With regard to "off-station" education and training, in FY 1971 there were 4,143 short-term assignments in the area of administration, involving personnel at various levels of responsibility from many different VA programs. Some idea of the diversity and scope of this kind of training may be gained from the following examples:

- Hospital Directors and Assistant Hospital Directors attended seminars sponsored and conducted by professional organizations such as ACHA, AHA, AMA, etc., to acquaint themselves with current management concepts.
- Courses and workshops in laundry management principles and practices, techniques of production, sanitary laundry methods, and operation of modern laundry equipment, sponsored by the American Institute of Laundries, and State and national laundry organizations, were attended by approximately 25 laundry managers.
- Approximately 80 Assistant Chiefs and Chiefs of Building Management attended courses and seminars in general hospital environmental sanitation, interior decoration, pest control, and general management courses.
- About 120 chaplains attended five workshops for the continuing education of hospital chaplains.
- Army Management Engineering Training Agency (AMETA), courses in Systems and Procedures Analysis, Work Planning and Control, Organization Planning, and Work Methods and Standards, were attended by 47 management analysts.

Future Projections. Granted the premise that administrative education and training is a capital investment which can contribute significantly to improving organizational performance and productivity, there is still the problem of making this investment in the wisest possible way. If education and training is to be maximally effective, it must be the product of coordinated short-range and long-term *planning.* It is in this area that there is the greatest possibility of progress in the Department of Medicine and Surgery over the next few years. A comprehensive, systematic, continuing education and training plan is needed if specific education and training goals are to be chosen wisely, and to be attained with the most favorable ratio of benefits to costs.

Such a plan should provide for the following:

a. The determination of *general* training needs and objectives, primarily by the Central Office program chiefs.

b. The devising of a procedure through which *individual* training needs and objectives will be determined by supervisory staff at the local level. This procedure must be one into which is built not merely a formal requirement that supervisors faithfully carry out this responsibility, but a set of incentives that will actually result in the sincere fulfillment of the requirement.

c. The establishment of adequate administrative management and leadership.

d. The adoption of improved methods for the selection and assignment of employees.

e. The periodic review and evaluation of education and training at local and Central Office levels.

Most important of all, education and training in the administrative field must be placed within a proper framework of career systems, so that it will properly support both the expansion of the individual's skills and the development of his career, consistent with his abilities and with the needs of the Department of Medicine and Surgery, from his recruitment to his retirement.

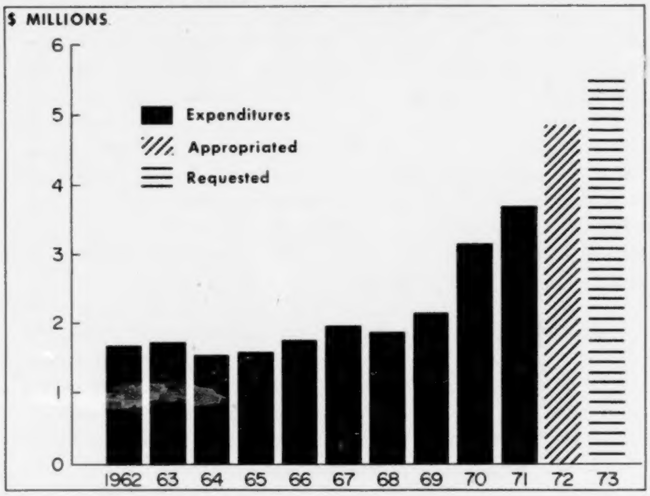
Some of the elements of the above-described program already exist, and require only the creation of proper incentives for more energetic implementation; other elements remain to be established. It is to this task, and to the integration of all these elements into a coordinated *system* of administrative education and training that the Education Service must devote itself in FY 1972 and beyond.

postgraduate and inservice training

History. In order to achieve the objective of providing the best possible medical care in each of the VA's hospitals and clinics it is essential that a nationwide, dynamic program in continuing education be conducted to reach all personnel in the Department of Medicine and Surgery of the VA.

On July 7, 1958, the Government Employees Training Act (Public Law 85-507) was enacted. It was the first Government-wide legislation authorizing departments and agencies of the executive branch to provide training for their personnel. It superseded a variety of legislation which enabled various agencies to authorize training of their employees. Until July 1958, Public Law 293, 79th Congress, enacted on January 3, 1946, was the VA's only authority to support attendance of personnel at extra-VA educational courses and meetings.

POSTGRADUATE AND INSERVICE TRAINING PROGRAM FUNDING



The Postgraduate and Inservice Training Program of the VA is the educational effort authorized by the Government Employees Training Act, to bring the latest medical and administrative knowledge to those who provide treatment to the sick or disabled veteran.

The Postgraduate and Inservice Training Program has grown from a budget of $1,684,000 in FY 1962 to a total of $4,805,000 in FY 1972 as shown on the chart below.

These funds have been fully expended in support of a variety of educational programs covering the full range of disciplines found within the Department of Medicine and Surgery.

Program Developments and Structure. Postgraduate and Inservice Training activities are administered on a nationwide basis by the Education Service of the Department of Medicine and Surgery located in the VA Central Office, Washington, D.C.

The activities conducted within this program reach into every VA facility which provides medical and allied services. These educational activities include lectures to full-time staff and residents, 2- or 3-day visits by outstanding medical authorities to hospitals located remote from medical teaching centers, intra-VA courses, workshops, demonstrations, and seminars, and extra-VA educational assignments to courses, professional meetings, seminars, symposia, and other educational experiences. Attendance at educational activities is provided on the basis of individual career development assignments and in more formalized terms of service oriented educational programs designed to fulfill local and national needs, both of which must meet the criterion of benefiting the agency.

In addition to the educational activities mentioned above, the Postgraduate and Inservice Training Program also furnishes funding for specialized educational equipment such as closed circuit television, computer-assisted and programmed instruction, and other teaching aids, as well as the supplies and materials necessary to the various educational functions.

The funds provided for this program may not be used for salaries but are intended to support all other expenses directly related to the continuing education and training of all Department of Medicine and Surgery employees.

Discussions and descriptions of specific educational activities and modalities follow.

Educational assignments. The fields of medicine and related sciences are constantly contributing to man's storehouse of knowledge which can be tapped in solving treatment problems of the sick or disabled veteran.

During FY 1971, 16,143 educational assignments were supported for Department of Medicine and Surgery personnel. These included 4,608 assignments to intra-VA activities and 11, 535 assignments to non-VA sponsored activities. In addition, approximately 16,000 individuals attended educational experiences for which no financial support was required. The scope and size of this program has increased over the years. For example, the number of assignments for which financial support was provided in FY 1960 totaled 6,050, and in FY 1965 the total was 10,202 as contrasted with the aforementioned 16,143 in FY 1971.

Assignment of personnel to extra-VA and intra-VA off station educational experiences is an effective method of enabling physicians, dentists, nurses, and other professional, technical, and administrative personnel of the VA to maintain current and full competence in their respective areas of concern.

The subject matter contained in these educational offerings cover the broad range of professional, technical, and administrative callings found within the Department of Medicine and Surgery. Some are directed to single occupational groups while others are multidisciplinary in nature.

Examples of the latter include workshops, seminars, and courses attended by teams of physicians, nurses, and allied health personnel in such specialized, life-supporting, medical areas as the maintenance and operation of intensive care units, pulmonary function laboratories, respiratory disease units, and cardiac catheterization and coronary care units.

Because the VA operates the nation's largest renal dialysis program, training programs in hemodialysis and home dialysis are an active area of concern. One such workshop, on the care of patients with chronic renal disease was attended by 350 physicians, nurses, social workers, psychologists, and technicians, i.e., the gamut of the health care team in renal disease.

As contrasted with the foregoing, a large number of courses are directed to single occupational groups.

For example, in FY 1971, 137 intra-VA educational experiences were offered in nursing subjects alone. These were presented at 63 VA hospitals throughout the country and were attended by 904 personnel.

Another type of educational experience provided within the

VA is the educational-scientific conference. These are held exclusively for Department of Medicine and Surgery personnel or in conjunction with other groups or organizations. The VA-Armed Forces Pulmonary Disease Conference, which has been held for the past twenty years, was attended in FY 1971 by 99 VA physicians and 180 physicians from the armed forces. It highlighted new methods of treating tuberculosis which are even more effective than the then current therapeutic agents which, incidentally evolved largely as a result of VA cooperative studies. The agenda also included the study of problems concerning management of chronic pulmonary disease in the aging veteran population and the need to identify the most appropriate modalities and facilities to provide required treatment.

The Dental Training Center of the Department of Medicine and Surgery located at the VA Hospital, Washington, D.C., presents courses throughout the year for dentists from VA hospitals throughout the country. These, too, provide unique opportunities for VA personnel to be constantly updated in the practice of their professions. Last year courses were presented in the following subjects:

- Dental Program Administration
- Dental Assistant Utilization
- Fixed Partial Denture Service
- Dental Laboratory Technology
- Removable Partial Denture Service
- Complete Denture Service

In addition to the intra-VA educational experiences, examples of which have been cited, extra-VA educational details are also a part of the Postgraduate and Inservice Training Program. Like the intra-VA assignments, they are usually of relatively brief duration. In a few instances, however, personnel are authorized to participate in training requiring up to several months.

The courses, given by medical schools, universities, professional societies, or appropriate organizations, cover the complete range of subject matter dealt with within the Department of Medicine and Surgery. For example, in FY 1971, 714 nurses attended extra-VA courses, seminars, and workshops in a variety of subject areas related to current treatment problems. They are listed below according to subject and number of personnel who attended.

Extra-VA Educational Details—Nursing Service Personnel

Subject	No. of Personnel
Alcoholism	37
Care of Elderly/Aging	16
Care of Stroke Patient	18
Continuity of Care	12
Coronary Care	123
Drug Addiction	15
Education Technology	3
Equal Employment Opportunity	5
First Aid/Emergency Care	19
Head Nursing	2
Infection Control	17
Inservice Education	42
Intensive Care	21
Leadership Skills	53
Medical/Surgical Nursing	14
Neurological Nursing	4
Nursing Audit	10
Operating Room	30
Psychiatry	96
Public Health Nursing	2
Rehabilitation Nursing	20
Remotivation	2
Renal Disease/Dialysis	30

Respiratory Care	35
Spinal Cord Injury	1
Staffing	30
Supervision	23
Team Nursing	31
Urology	3
TOTAL	714

Another type of extra-VA educational experience participated in by Department of Medicine and Surgery personnel are those courses presented by the Army Medical Department Professional Postgraduate Training Program. Through arrangement with the Office of the Surgeon General, the Department of Medicine and Surgery receives a quota for a series of courses presented throughout the nation. A listing of these courses presented in FY 1971 with the number of VA persons who attended follows:

Course	Number Attended
Accident Pathology	8
Advanced Clinical Pathology of the Oral Regions	5
Application of Histochemistry to Pathology	8
Armed Forces Institute of Pathology Course in Oral Pathology	10
Armed Forces Institute of Pathology Lectures	35
Current Concepts of Restorative Dentistry	4
Dietetic Administration	5
Directors and Educational Directors of Dietetic Internships	3
Forensic Dentistry	5
Genitourinary Pathology	10
Immunopathology	10
James C. Kimbrough Urological Seminar	10
Neuropathology	10
Ophthalmic Pathology	15
Oral Diagnosis and Therapeutics	8
Oral Surgery	4
Histopathology and Pathophysiology of the Middle Ear	8
Pathology of Laboratory Animals	2
Periodontics	3
Present Concepts in Internal Medicine	10
Preventive Dentistry	5
Prosthodontics	4
Surgical and Orthopedic Aspects of Trauma	4
Symposium on Pulmonary Disease	10
Gary P. Wratten Surgical Symposium	15
TOTAL	211

In total, during FY 1971, travel and per diem support was provided to 12,235 employees for their attendance at intra and extra-VA educational experiences at a cost of $2,063,000. Tuition and registration support for attendance at extra-VA educational activities for 7,795 employees was provided at cost of $798,000.

Hospital lectures. These educational experiences take two forms—didactic presentations which are presented at all VA hospitals and appear either as individual lectures or as portions of courses or other educational activities developed by and presented at VA locations; and the Physician-in-Residence visits usually lasting 2 or 3 days. During FY 1971, 4,409 lectures were presented at VA hospitals at a total cost of $309,000. Eighty-three Physicians-in-Residence visits were made to 49 hospitals at a total cost of $24 thousand.

The Physician-in-Residence visits are generally conducted at hospitals not affiliated with medical schools and located remote from medical teaching centers. They consist of visits by distinguished medical educators and practitioners and provide VA staff with valuable opportunities to participate in personal discussions with medical authorities concerning current treatment problems at the hospitals being visited.

The Physician-in-Residence visits were conducted in the folllowing specialties in 1971:

Specialty	No. of Visits
Surgery	21
Internal Medicine	20
Dentistry	14
Psychiatry	11

Radiology	6
Neurology	4
Physical Medicine	4
Pathology	3
Total	83

The Physicians-in-Residence who made these visits are listed below by specialty.

Internal Medicine

C. Lockard Conley, M.D. (hematology)
Professor of Medicine
Johns Hopkins Medical Institutions
Baltimore, Maryland

Leo H. Criep, M.D.
Consultant in Allergy
Veterans Administration Hospital (Univ. Drive)
Pittsburgh, Pennsylvania

Milton Hamolsky, M.D.
Professor of Medicine
Brown University
Providence, Rhode Island

Ovid O. Meyer, M.D.
Professor of Medicine
University of Wisconsin Medical School
Madison, Wisconsin

Robert F. Schilling, M.D. (hematology)
Chairman, Department of Medicine
University of Wisconsin Medical School
Madison, Wisconsin

John H. Talbott, M.D.
Clinical Professor of Medicine
University of Miami, School of Medicine
Miami, Florida

Pulmonary Diseases

Robert G. Bloch, M.D.
Division of Pulmonary Diseases
Montefiore Hospital
Bronx, New York

Burgess L. Gordon, M.D.
Director, Division of Scientific Activities
American Medical Association
Chicago, Illinois

Harold L. Israel, M.D.
Clinical Professor of Medicine
Thomas Jefferson University,
Jefferson Medical College
Philadelphia, Pennsylvania

Roger S. Mitchell, M.D.
Chief of Staff
Veterans Administration Hospital
Denver, Colorado

Pathology

Paul W. Gikas, M.D.
Associate Professor of Medicine, University
of Michigan, School of Medicine
Ann Arbor, Michigan

Physical Medicine & Rehabilitation

Rene Cailliet, M.D.
Department of Physical Medicine
Southern California Permanente Medical Group
Los Angeles, California

W.T. Liberson, M.D., Ph. D.
Chief, Physical Medicine & Rehabilitation Service
Veterans Administration Hospital
Hines, Illinois

Jerome S. Tobis, M.D.
Chief, Division Rehabilitation Medicine
Montefiore Hospital & Medical Center
Bronx, New York

Surgery

Brian Blades, M.D.
Distinguished Physician, Veterans Administration
Professor of Surgery, George Washington University,
School of Medicine
Washington, D.C.

Charles Eckert, M.D.
Professor and Chairman
Department of Surgery
Albany Medical College
Albany, New York

Rudolf J. Noer, M.D.
Chairman, Department of Surgery
University of Louisville
Louisville, Kentucky

Louis T. Palumbo, M.D.
Chief, Surgical Service
Veterans Administration Hospital
Des Moines, Iowa

Charles B. Puestow, M.D.
Professor of Surgery
University of Illinois, College of Medicine
Chicago, Illinois

Richard T. Shackelford, M.D.
Associate Professor Emeritus of Surgery
Johns Hopkins University
School of Medicine
Baltimore, Maryland

Thoracic Surgery

Myron W. Wheat, M.D.
Professor of Surgery
University of Florida
Gainesville, Florida

Urology

Jack Lapides, M.D.
Professor of Surgery
University of Michigan Medical Center
Ann Arbor, Michigan

Radiology

Benjamin Felson, M.D.
Department of Radiology
Cincinnati General Hospital
Cincinnati, Ohio

Harold G. Jacobson, M.D.
Chief, Division of Diagnostic Radiology
Montefiore Hospital
Bronx, New York

Psychiatry

Kenneth L. Artiss, M.D.
Wildwood Medical Center
Bethesda, Maryland

Alan M. Kraft, M.D.
Albany Medical College
Albany, New York

John P. Lambert, M.D.
Medical Director
Four Winds
Katonah, New York

Psychiatry

Lauren H. Smith, M.D.
Pennsylvania Hospital
Philadelphia, Pennsylvania

Harry C. Solomon, M.D.
Professor Emeritus of Psychiatry
Harvard Medical School
Boston, Massachusetts

Russell Wilder, M.D. (psychosomatic medicine)
Director, Psychiatric Medicine Program
Menninger Foundation
Topeka, Kansas

Otto Allen Will, Jr., M.D.
Medical Director
Austen Riggs Center, Inc.
Stockbridge, Massachusetts

Neurology

Robert B. Aird, M.D.
Department of Neurology
University of California Medical Center
San Francisco, California

Francis M. Forster, M.D.
Professor of Neurology
University of Wisconsin, School of Medicine
Madison, Wisconsin

Dentistry

Samuel E. Guyer, D.D.S.
School of Dentistry
Washington University
St. Louis, Missouri

James R. Hayward, D.D.S.
Director, Department of Oral Surgery
School of Dentistry
University of Michigan
Ann Arbor, Michigan

Philip M. Jones, D.D.S.
School of Dentistry
University of Missouri
Kansas City, Missouri

Gustav O. Kruger, D.D.S.
School of Dentistry
Georgetown University
Washington, D.C.

Victor L. Steffel, D.D.S.
College of Dentistry
Ohio State University
Columbus, Ohio

B.O.A. Thomas, D.D.S.
University of the Pacific
San Francisco, California

Stanley D. Tylman, D.D.S.
Professor Emeritus of Dentistry
University of Illinois, College of Dentistry
Chicago, Illinois

Educational equipment. Utilization of recent technical and electronic advances in the delivery of medical and allied information can do much to increase the effectiveness of the instruction in professional and administrative areas. Closed circuit television, for example, is a particularly effective medium for continuing medical education in many specialty areas such as surgery, dentistry, internal medicine, and psychiatry. In surgery and dentistry it enables unlimited numbers of students to view procedures in spite of very limited surgical and treatment fields involved.

Closed circuit television systems, ranging from limited monochrome facilities to sophisticated color interconnections, were operating, or in process of being installed, during FY 1971 in 23 VA hospitals throughout the country. These systems were used entirely, or in part, for purposes of continuing education under the Postgraduate and Inservice Training Program.

The hospitals which have these systems are listed below.

MONOCHROME

Atlanta, Georgia
Chicago (West Side), Illinois
Cincinnati, Ohio
Coatesville, Pennsylvania
Denver, Colorado
Durham, North Carolina
Hampton, Virginia
Houston, Texas
Indianapolis, Indiana
Montrose, New York
Muskogee, Oklahoma
New York, New York
Northampton, Massachusetts
Oklahoma City, Oklahoma
Oteen, North Carolina
Pittsburgh, Pennsylvania (UD)
Portland, Oregon
Salem, Virginia
Salt Lake City, Utah
Topeka, Kansas

CCTV SYSTEMS WITH LIMITED COLOR

St. Cloud, Minnesota
Wood, Wisconsin

CCTV SYSTEM - COLOR AND MONOCHROME

Jackson, Mississippi

CCTV - INTERCONNECTIONS

Cincinnati, Ohio—VA Hospital with College of Medicine (University of Cincinnati), Shrine Burns Institute, College of Nursing, Kettering Laboratories, Cincinnati General Hospital.

Chicago, Illinois—VA Hospital Chicago (West Side) with University of Illinois.

Jackson, Mississippi - VA Center with University of Mississippi Medical Center.

A total of $210 thousand was expended for support of educational equipment in FY 1971.

Highlights of Fiscal Year 1971. Specific patient care needs of increasing urgency as well as new educational techniques and recent modifications in the use of health manpower are necessarily reflected in the VA's education and training programs.

In FY 1971 the need for increasing numbers of competent personnel to operate the VA's intensive care and coronary care units and its spinal cord injury centers for the many seriously injured returning vietnam war veterans became paramount. Simultaneously, the search for more efficient health manpower utilization was finding expression in the development of the specialty health care team concept.

Multidisciplinary training programs for specialty health care teams to meet specific and demanding patient care requirements characterizes many of the VA's major educational efforts in FY 1971.

Workshops and seminars were conducted in FY 1971 at practically all VA hospitals for teams of physicians, nurses, and allied health personnel in such specific patient care areas as the maintenance and operation of intensive care units, cardiac resuscitation, coronary care units, and pulmonary function laboratories in association with respiratory disease units.

Spinal cord injury. Few areas of medicine can compare with that of spinal cord injury with respect to the urgency of the need for competent care, the applicability of the health care team concept, and the overwhelming requirement for major educational programs.

The treatment of patients with spinal cord injury is an exceedingly complex and demanding task best accomplished by specially trained teams consisting of a number of different types of health personnel: physicians of several specialties, nurses, psychologists, social workers, experts in physical medicine and rehabilitation, urologic technicians, and others. Therefore, the training of Spinal Cord Injury Service personnel must be a coordinated multidisciplinary effort to serve a nationwide health care need in VA hospitals. A new training program was begun in FY 1971 which included the presentation at VA Spinal Cord Injury Centers of the first in a series of comprehensive courses for teams of VA physicians and related health personnel.

The first course was attended by 18 physicians, 12 psychologists, 12 social workers, 12 nurses and nine nursing assistants. It dealth with the spinal cord injured veteran as a "whole" man, focusing on his potential rather than his limitations. Emphasis was placed on methods of recognizing and dealing with problems related to psychological, social, and vocational rehabilitation.

The further development of this program includes a series of conferences and other educational experiences conducted at various locations throughout the nation. Some of these activities will follow the format and utilize the syllabus developed for the initial course with personnel trained in the first course functioning as faculty for the succeeding "satellite" courses.

Additional training activites planned for the spinal cord injury program include the following:

1. Training of physicians.

a. Postgraduate, comprehensive, refresher courses at VA Spinal Cord Injury Centers.

b. Short-term intensive training on current and selected spinal cord injury care and treatment problems.

c. Career training of one or two years duration for selected physicians who will enter the new subspecialty of Spinal Traumatology.

2. Comprehensive training for all responsible health personnel in rehabilitation and patient care.

a. Continuance of intra-VA specialized courses in comprehensive treatment, psycho-social support, and vocational rehabilitation of spinal cord injury patients.

b. Training of nurses, social workers, and psychologists in specialized rehabilitation training provided by universities and rehabilitation institutes.

New educational techniques. Newer educational techniques include, for example, programmed instruction, computer-assisted instruction, closed circuit television, and the so-called multimedia methods of presentation of information. While the VA's educational program utilizes all of these techniques when appropriate, and is currently operating or installing closed circuit television in 23 VA hospitals across the country, the recent installation at the Jackson, Mississippi VA hospital is of particular interest.

It can be used for a wide variety of educational purposes. This system includes four color cameras. One is installed over an operating table and can be remotely controlled. Another is being adapted to a microscope, while the third is mounted on a mobile pedestal and the fourth is part of a film chain. The film chain is located in the control room which is equipped with two color tape recorders and switching equipment. The VA hospital is cabled for two-way audio and video communications between various locations within the VA hospital, as well as with the University of Mississippi Medical Center.

A monochrome system, which consists of three black and white cameras and a mobile console, is used in the Radioisotope and Psychiatric services. The system in psychiatry is mobile and can operate independently of the rest of the hospital system or as part of it. It permits the use of special effects such as split screen and corner inserts which are particularly helpful when used in psychiatry. The psychiatric area is equipped with controls which allow the viewer at the VA hospital to start and stop videotapes being presented for his benefit from the University Medical Center.

Future Projections. In keeping with the objective of bringing the best and newest methods of diagnosis and treatment to the bedside in support of optimal patient care, it is incumbent upon the Department of Medicine and Surgery through its Postgraduate and Inservice Training Program to constantly provide its personnel with the vehicles through which the most recent and appropriate information, skills, and knowledge may be obtained. In addition, the rapid changes in the art and science of medical care and health administration make it necessary that this program also be alert to, and plan for, future educational and training needs of all DM&S personnel.

With this in mind, the Education Service has initiated a program which requires development of a comprehensive, detailed, nationwide program of continuing education and training for all categories of personnel in the Department of Medicine and Surgery.

The identification of training goals for the various occupations within the Department have been initiated. These goals include mastery of identified new knowledge, procedures, and techniques which are considered essential to the most effective conduct of patient care in the Department of Medicine and Surgery. The methods of meeting these goals are being determined, and their implementation will begin to take place in FY 1972.

This will involve continuation of numerous currently active educational programs as well as the introduction of new and unique educational endeavors in a variety of subject areas.

More than 500 intra-VA learning experiences are currently planned for presentation at VA hospitals in FY 1972. These programs listed by hospital, subject area, and course title are shown on the following pages.

FISCAL YEAR 1972 INTRA-VA EDUCATIONAL OFFERINGS

NOTE: Some courses are held in more than one location to reduce travel time and expenditures for attendees.

VA Hospital	Course Title or Description
	Building Management Service
Albany, New York	Washer-Extractor-Installation and operation. Spray Techniques used in maintenance

Building Management Service (cont'd.)

VA Hospital	Course Title or Description
Albany, New York (cont'd.)	of toilet, shower and other selected areas. Linen in Transition from Closet to Cart System.
Chillicothe, Ohio	Team Concept of Cleaning. Laundry Operations.
East Orange, N.J.	The Hospital Pest Control Operator.
Knoxville, Iowa	Building Management. Redesign of Institutional Interiors.
Lexington, Ky.	Hospital Pest Control.
Manchester, N.H.	Processing Durable-Press Uniforms.
Murfreesboro, Tenn.	Hospital Pest Control. Consolidated Laundry Operation. Processing and Issue of Durable Press Uniforms.
Pittsburgh, Pa. (Leech Farm Road)	Environmental Sanitation Section. Supplies and Linen Control.
Tuscaloosa, Ala.	Processing and Issue of Durable Press Uniforms Operation of a Consolidated Laundry. Supervision of Psychiatric Patients on Therapeutic Housekeeping Assignments—An Attitude Therapy Approach.
Vancouver, Wash.	Indoctrination in this station's successful attempt to consolidate the laundry activity of Portland VAH, Vancouver VAH, and a number of other smaller Federal field activities.
White River Jct., Vt.	Carpet Maintenance.

Chaplain Service

VA Hospital	Course Title or Description
Allen Park, Mich.	Protestant—In-service training through observation, discussion and participation in the Protestant Chaplaincy Service at this hospital.
Augusta, Georgia	Role of the Chaplain in a Multi-Service Treatment Unit.
Battle Creek, Mich.	Observation of Chaplain Service with special emphasis on group activity, audio-visuals, telecast of services, and video taping of therapy groups.
Coatesville, Pa.	Eighth Annual Institute on Religion and Health.
Houston, Texas	Clinical Pastoral Education.
Knoxville, Iowa	Seminar on Religion and Mental Health.
Salisbury, N.C.	Role of Chaplains in an Integrated Hospital.
White City, Oregon	Orientation program to Chaplains.

Educational Media

VA Hospital	Course Title or Description
St. Cloud, Minn.	Orientation to Use of CCTV and Videotape in Education and Training in VA Hospitals.

Dental Service

VA Hospital	Course Title or Description
Albuquerque, N.M.	Outpatient Records and Administration; Inpatient Procedures; Dental Hygiene.
Atlanta, Georgia	Oral Surgery. Prosthodontics.
Battle Creek, Mich.	Remounting; adjusting and inserting a removable denture prostheses.
Buffalo, New York	Techniques of Oral Surgery in a Hospital Practice. Prosthetics: Full Dentures—Physiologically Generated Occlusion.
Des Moines, Iowa	Operation of the XRM Panorex.

Dental Service (cont'd.)

VA Hospital	Course Title or Description
East Orange, N.J.	Oral Cancer: Concepts, Recognition of Early Signs and Clinical Techniques for Investigation.
Fresno, California	Periodontal treatment techniques.
Houston, Texas	Oral Surgery Procedures, Oral Radiology and Oral Diagnosis. Hospital Dental X-Ray Techniques.
Long Beach, Calif.	Oral Tumor Pathology, with major emphasis on diagnosis, clinical course, treatment and prognosis.
Los Angeles, Calif. (Extended Care)	Clinical Periodontics.
Los Angeles, Calif. (Wadsworth)	Laboratory Technician Training Program. Dental Assistants Training Program.
Pittsburgh, Pa. (Leech Farm Road)	Prosthodontics—Complete Dentures. Periodontics for the Staff Dentist.
Portland, Oregon	Open and Closed Mouth Denture Construction Techniques. Partial Denture Designs. Proper Use of Tissue Conditions in Prosthetics. Denture Esthetics. Equilibrations. A Modified Fournet Lower Impression Technique.

Dietetic Service

VA Hospital	Course Title or Description
American Lake/Tacoma, Wash.	Ingredient Control Unit. The Dietitian and Dietetic Employee as Members of the Ward Treatment Team in a Neuropsychiatric Hospital. The Vietnam Veteran Treatment in a Neuropsychiatric Hospital.
Atlanta, Georgia	"Speak-See-Hear" Techniques in Patient Personnel Teaching.
Bay Pines, Fla.	Review of Nutrition Clinic Activities. Detail for Cooks or Food Service Supervisors.
Birmingham, Ala.	Compare-And-Share Ideas for Dietitians. Training Course for Food Service Supervisors and Supervisory Cooks.
Coatesville, Pa.	New Horizons for Clinical Dietetics.
Knoxville, Iowa	Adamation Dish Machine Operation.
Lexington, Ky.	Nutrition Clinic Activities.
Louisville, Ky.	Food Service and Dishwashing for Canteen Service. Centralized Food Service Operation.
Montrose, New York	Home Environment Food Preparation and Service. Five Meal Plan in Nursing Home Care Unit.
Portland, Oregon	Operation of an Ingredient Room Cycle menus and cycle of ordering food.
St. Cloud, Minn.	Psychiatric Medically Infirm Food Service.
Wilkes-Barre, Pa.	Centralized Tray Service Operation.

Engineering Service

VA Hospital	Course Title or Description
American Lake/Tacoma, Wash.	Firefighter Training, including building inspection, fire hydrant flow test, and other inspections and tests.

Engineering Service (cont'd.)

VA Hospital	Course Title or Description
Chillicothe, Ohio	Operation of Gas-Fired Boiler Plant. Operation of Lime-Soda Ash Water Treatment Plant and Zeolite Water Softening Plant. Grounds Maintenance, including trees and shrubbery, use of insecticides, trimming.
Knoxville, Iowa	Engineering Operations.
Portland, Oregon	Training in first aid, fire fighting and evacuation.
Temple, Texas	Operation and Maintenance of Air Conditioning Systems.

Fiscal Service

VA Hospital	Course Title or Description
Louisville, Ky.	Mechanized Accounting Procedures. Payroll. Voucher Audit. Collections.
Portland, Oregon	Accounting and Fund Control under the Standardized Mechanized Accounting Procedures.

Laboratory Service

VA Hospital	Course Title or Description
Albany, New York	Quantitative and Qualitative Measurement of Coronary Wall Thickness and Its Relationship to Coronary Thrombosis and Myocardial Infarction. Introduction to Electron Microscopy.
Atlanta, Georgia	Special Laboratory Disciplines.
Coatesville, Pa.	Individual Introductory Tutoring in Electron Microscopy.
Chicago (WS), Ill.	Laboratory Administration. Bacteriology. Blood Bank—Serology. Chemistry. Histology—Pulmonary and Oral Cytology. Hematology. Electron Microscopy.
Los Angeles, Calif. (Wadsworth)	Bacteriology Review Course. Serology Review Course. Parasitology Review Course. Emergency Laboratory Procedures. Review Course in Blood Bank
Louisville, Ky.	Hematology. Serology. Mycobacteriology. Chemistry. Histology. Outpatient Clinic Laboratory Review.
Portland, Oregon	Anatomic Pathology. Cytotechnology. Histopathology.
Shreveport, La.	Medical Mycology. Anaerobic Microbiology.
Vancouver, Wash.	Orthopedic Pathology.

Library Service

VA Hospital	Course Title or Description
Bay Pines, Fla.	Library Activities in a VA Center.
Buffalo, New York	Use of Library Materials in the Day Treatment Program.
Coatesville, Pa.	Review of Administrative Aspects of Hospital Librarianship.
Lexington, Ky.	Library Group Work for Psychiatric and Geriatric Patients.

VA Hospital	Course Title or Description
Library Service (cont'd.)	
Los Angeles, Calif. (Wadsworth)	Librarian Work-Study Program.
Martinsburg, W.Va.	Library Activities in a VA Center.
Northport, New York	Library Service to Patients—General, Psychiatric, Outpatients, and those in Satellite Clinics.
Salisbury, N.C.	Library Services in a Neuropsychiatric Hospital.
St. Cloud, Minn.	Library Administration, General and Medical.
Tuscaloosa, Ala.	Library Services in a NP VA Hospital.
White River Jct., Vt.	Management of the Small VA Medical and Patient Library.
Medical Service	
Albany, New York	Pulmonary Physiology. Training course for Inhalation Therapists. Tuberculosis—all aspects; Other Chest Diseases (Diagnostic and therapeutic aspects of bronchogenic carcinoma, sarcoidosis, lung abscess, pneumonia); Application of pulmonary function tests in the evaluation of chest cases; Inhalation Therapy; Chest Radiology (Diagnostic procedures and interpretation of x-rays in diagnostic problems). Renal Dialysis Technology.
Atlanta, Georgia	Cardiology—CCU experience. Endocrinology. Gastroenterology—subspecialty training program. Neurology. Pulmonary. Pulmonary Tuberculosis, Current Concepts. Special Diet and Other Therapeutic Interventions.
Buffalo, New York	Internal Medicine. Cardiopulmonary Physiology. Chronic Respiratory Diseases.
Chicago (WS), Ill.	Electrocardiography for Nurses. Dietetics class on coronary artery disease and its relationship to diet.
East Orange, N.J.	Pulmonary Function Laboratory Techniques.
Los Angeles, Calif. (Wadsworth)	Training in Dialysis. Laboratory Training in Specialized Microbiologic Techniques. Training in Infectious Diseases.
Northport, New York	Basic Principles in Pulmonary Function and Workshop.
Portland, Oregon	Cardiac Catheterization Laboratory Procedures. Pulmonary Function Testing. Radioisotope Techniques. Hemodialysis for Chronic Renal Disease. Endoscopy (sigmoidoscopy, esophagoscopy, gastroscopy).
Togus, Maine	Gastroenterology.
White River Jct., Vt.	Lecturers: Dr. Winslow H. Arnold, Jr. 1. Immune Mechanisms. 2. Extrinsic Allergic Alveolitis. 3. Immune Defects.

Medical Service (cont'd.)

VA Hospital	Course Title or Description
White River Jct., Vt. (cont'd.)	Dr. Walter G. Frey, III 1. Pathogenesis and Management of Familial Hemochromatosis. 2. Quantitative Measurement of Liver Iron by Needle Biopsy. 3. Abdominal Aortic Aneurysms. Dr. Joseph L. Grant 1. The Primary Hypoventilation Syndrome. 2. Non-Obstructive Emphysema. 3. Respiratory Center Function and Helium Breathing. 4. Respiratory Response to Tracheotomy. 5. The Work of Breathing. 6. Oxygen in the Treatment of Respiratory Failure. Dr. Leo R. Zacharski 1. The Prothrombin Time. 2. Anticoagulant Therapy. 3. The Treatment of Bleeding Diseases. 4. The Intravascular Coagulation-Fibrinolysis Syndromes.
Wilkes-Barre, Pa.	Inhalation Therapy

Medical Administration Service

VA Hospital	Course Title or Description
Albany, New York	Administration, Techniques, and Procedures of Medical Record Library Section.
Chillicothe, Ohio	Overall Operation—Ward Administration Section, Psychiatric Hospital. Patients Control Section-Patients Funds & Related Services.
East Orange, N.J.	X-Ray Filing by Medical Administration Division.
Louisville, Ky.	Medical Record Section. Paperwork Management Program.
Lexington, Ky.	An Organized Method for Developing the Nursing Plan. Role of the Nurse Clinician (Psychiatric Nursing and/or Medical-Surgical Nursing). A Nursing Referral Program. Educational Programs in Nursing. Role of Nursing Service in the Psychiatric Units. Systematic Review and Evaluation of Nursing Areas and Units.
Los Angeles, Calif. (Wadsworth)	Field Experience in Nursing the Diabetic, Endocrine and Renal Patients. Dialysis Staff Nurse Training. Dialysis Home Training Program. Chronic Dialysis Unit, Extra-VA Detail. Emergency Ventilatory Support. Introduction to Arrhythmias. Cardiopulmonary Resuscitation. Cardiopulmonary Resuscitation Training for Wadsworth Pharmacy Service. Orientation Program for Operating Room Registered Nurses. Advanced Medical-Surgical Course for GS-5 Nursing Assistants.
Northport, New York	Extensive reorganization of the Unit Administration Section (Ward Administration) under the "Total Support Concept". Medical Administration Involvement in Community Psychosocial Aftercare Program (Satellite Clinics).

Medical Administration Service (cont'd.)

VA Hospital	Course Title or Description
Portland, Oregon	Observation and Instruction in Medical Records maintenance and utilization in an active teaching hospital.
Salisbury, N.C.	Records Management. Ward Administration.
Tuscaloosa, Ala.	Effective Medical Administration Support Under Unit System.

Medical Illustration Service

VA Hospital	Course Title or Description
Lexington, Ky.	Methods and Techniques of Visual Aids Using Limited Equipment and Supplies. Organizing a Cinematography Unit for use in Medical Illustration and Research.
Temple, Texas	Color Printing Techniques.

Nuclear Medicine Service

VA Hospital	Course Title or Description
Chicago (WS), Ill.	Principles and Uses of Radioisotopes. Orientation of Nurses in Nuclear Medicine. Use of A Wang Computer in Nuclear Medicine.
East Orange, N.J.	Nuclear Medicine Laboratory Techniques.
Los Angeles, Calif. (Wadsworth)	Physician Training in Nuclear Medicine. Radioisotopes Training Course. Clinical Applications of Radioisotopes. Radiopharmacy Training. Technologist Training in Nuclear Medicine.

Nursing Service

VA Hospital	Course Title or Description
Albany, New York	Administration and Supervision of an Outpatient Service in a VA Hospital. Intensive Care Units—Organization and Management. Coronary-Respiratory Care.
American Lake/Tacoma, Wash.	Alcoholic Treatment Program—Young Vietnam Veterans Program. Reality Therapy—Nursing Management Program.
Chillicothe, Ohio	The Role and Responsibilities of the (Psychiatry) Nursing Care Technician and (PMI) Nursing Care Technician. The Role of Nursing in the Token Economy Program.
Chicago (WS), Ill.	Use of A Wang Computer in Nuclear Medicine.
East Orange, N.J.	Nuclear Medicine Laboratory Techniques.
Los Angeles, Calif. (Wadsworth)	Advanced Medical-Surgical Course for GS-4 Nursing Assistants. Basic Medical-Surgical Nursing Course for GS-3 Nursing Assistants. Advanced Medical-Surgical Course for GS-6 Licensed Vocational Nurses. Narcotic Administration Course for Licensed Vocational Nurses. Administration of Medications Course for Licensed Vocational Nurses. Policy and Procedure Orientation for Licensed Vocational Nurses. Medication Policy Monitoring Intravenous Therapy. Central Venous Pressure Monitoring. Blood Transfusion Procedure Review. General Orientation Course for Registered Nurses.

VA Hospital	Course Title or Description
	Nursing Service (cont'd.)
Los Angeles, Calif. (Wadsworth) (cont'd.)	Medical-Surgical Field Experience for Vocational Nursing Students.
	Medical-Surgical Field Experience for Graduate Nurses Masters and Post-Masters Degree Programs.
	Medical-Surgical Field Registered Nurse Students Associate Degree Nursing Program.
	Medical-Surgical Field Experience for Vocational Nursing Students.
	Medical-Surgical Field Experience for Registered Nurse Students Associate Degree Nursing Program.
	Cardiopulmonary Resuscitation Training for Wadsworth PM&R Service.
	Cardiopulmonary Resuscitation for Wadsworth Registered Dietitians.
	Aseptic Technic Training for Surgical Interns and Residents.
	Patient Care Training for X-Ray Technologists.
	Genito-Urinary Training for Male Nursing Assistants and Licensed Vocational Nurses.
	Advanced Medical/Surgical Course for GS-6 Nursing Care Technician.
	Operating Room Course for GS-6 Licensed Vocational Nurses and Nursing Assistants.
	Orientation Program for Operating Room Licensed Vocational Nurses and Nursing Assistants.
	Operating Room Course for GS-4 Licensed Vocational Nurses and Nursing Assistants.
	Operating Room Course for GS-5 Licensed Vocational Nurses and Nursing Assistants.
	Chronic Dialysis Unit, Intra-VA Detail.
	Registered Nurse Student Orientation to Dialysis.

VA Hospital	Course Title or Description
	Group Patient Teaching Programs.
	Directors of Nursing Homes.
	In-service Programs.
	Orientation of Selected Hospital Staff to Contract Nursing Home Program.
	Orientation of New Registered Nurses to Contract Nursing Home and Referral Programs.
Martinsburg, W.Va.	Role of the Nurse Clinician (Medical-Surgical and/or Rehabilitation Nursing).
Portland, Oregon	Orientation and practice in utilizing the Kolff Dialyzer.
	A 1-week course to include instruction by nursing and technical personnel in the following areas:
	Experience/observation in the Pulmonary Emphysema Unit as well as in the Medical Intensive Care Unit.
	Nature of the various pulmonary function tests and responsibilities of the nurse in assisting with these tests.
	Inhalation therapy as a treatment modality.
	Rehabilitative aspects for patients with emphysema.
	Use of oxygen therapy.
Temple, Texas	Remotivation Technique.
	Outpatient Service
Birmingham, Ala.	Supervision of Outpatient Department and Clinics.
Fresno, Calif.	Course for physicians interested in outpatient work in a non-affiliated VA Hospital.

Outpatient Service (cont'd.)

VA Hospital	Course Title or Description
Little Rock, Ark.	Activities in the Day Treatment Center.
Northport, New York	The Role of the Nurse in an In-Outpatient Psychiatric Clinic—The Therapeutic Environmental Clinic.
Waco, Texas	Orientation to the Mental Hygiene Clinic-Day Treatment Center.
Wichita, Kansas	Orientation and observation of the operation and management of an Outpatient Service—"Clinic of Jurisdiction".

Pharmacy Service

VA Hospital	Course Title or Description
Bay Pines, Fla.	Outpatient Prescription Program.
Buffalo, New York	Observational Assignment in a Consolidated Inpatient and Outpatient Program.
Chicago (WS), Ill.	Pharmacy Service Review.
Des Moines, Iowa	The Pharmacy APIS System.
Lexington, Ky.	Automatic Drug Replenishment.
Los Angeles, Calif. (Wadsworth)	Drug Distribution Methods.
Martinsburg, W. VA.	Pharmacy Administration.
Pittsburgh, Pa. (Leech Farm Road)	Review and Observe Recent Changes in Drug Dispensing Programs, Including Fee-Basis, Aid & Attendance, Post-Hospital Care, Mental Hygiene Clinic, Day Treatment Center, Contract Nursing Home and Military Retirees. Review the Pharmacy Intern and Clinical Pharmacy Programs.
Salisbury, N.C.	Survey of Pharmacy Activities.
Tuscaloosa, Ala.	Specialized Prescription programs—in hospital setting—Self Medication, Outpatient, Special Non-Formulary drugs.
Wichita, Kansas	Outpatient refill program.
Wilkes-Barre, Pa.	Administration and Supervision of Pharmacy Service.

PM&R Service

VA Hospital	Course Title or Description
Albuquerque, N.M.	Clinical Physical Medicine and Rehabilitation. New Occupational Therapy approaches in the treatment of physical disabilities.
American Lake/Tacoma, Wash.	Compensated Therapy Program and Industrial Contacts. Industrial Therapy in a Neuropsychiatric Hospital. Establishment of Clinical Training Programs in the Paramedical Field.
Bedford, Mass.	Geriatric Rehabilitation Activity Motivational Program (GRAMP).
Chicago (WS), Ill.	Administration. Physical Therapy. Occupational Therapy. Corrective Therapy. Recreation Therapy.
Chillicothe, Ohio	Educational Therapy. Manual Arts Therapy. Chivaho Crafts Program. Corrective Therapy as a Geriatric Modality. Physical Therapy.

VA Hospital	Course Title or Description
PM&R Service (cont'd.)	
Chillicothe, Ohio (cont'd.)	Industrial Therapy. Organization and Functioning of a Recreation Section. Occupational Therapy.
Coatesville, Pa.	Physical Medicine and Rehabilitation.
Fort Lyon, Colorado	Study of Industrial Therapy Activities with emphasis upon individual Assignments, Incentive Therapy Program and Off-Station Placement. Recreation Therapy.
Hampton, Va.	Physical Therapy Program in a VA Center. Clinical Observation and Practices in Corrective Therapy in a VA Center. Manual Arts Therapy at Work.
Lexington, Ky.	Industrial Therapy at Work.
Little Rock, Ark.	Corrective Therapy Techniques used in the Alcoholic Program. Hospital Recreation.
Los Angeles, Calif. (Extended Care)	General Speech Therapy Practices. General Blind Rehabilitation Practices.
Los Angeles, Calif. (Wadsworth)	Diagnosis and Treatment of Speech Disorders. Training in Use of General Semantics Rationale for Occupational Therapy. Occupational Therapy Refresher Course Clinical for Non-Working Registered Therapists. Physical Therapy Clinical Teaching Program.
Louisville, Ky.	Physical Therapy. Corrective Therapy. Occupational Therapy.
Martinsburg, W.VA.	Clinical Observation and Practice in Corrective Therapy. Occupational Therapy–Activities of Daily Living. Role and Responsibilities of PM&RS Coordinator.
Montrose, N.Y.	Modern Concepts in Rehabilitation of the Physically and Mentally Ill. The Role of the Occupational Therapist in a Psychiatric Hospital. Treatment of NP Patients with or without GM&S Conditions Using Physical Therapy Modalities and Techniques. Implementation of a Comprehensive Medically Directed Recreation Program. The Varied Role of Corrective Therapists with a Large NP and GM&S Patient Schedule. The PM&RS Coordinator as a Key Participant in a Broad and Intensified Rehabilitation Program. The Present and Changing Role of the Manual Arts Therapist in a Large Psychiatric Hospital. Role of Educational Therapy in a Psychiatric Hospital. The Role of Industrial Therapy Personnel in a Large NP Hospital.
New York, N.Y.	Rehabilitation Coordinators Training. Electrodiagnosis for Physicians. Prosthetic Training for the Above and Below the Knee Amputee. Review Course for Physicians in Preparation for Board Examinations in Physical Medicine and Rehabilitation.
Northport, N.Y.	Corrective Therapy in a Neuropsychiatric Hospital. Occupational Therapy in the Neuropsychiatric Hospital.

VA Hospital	Course Title or Description
PM&R Service (cont'd.)	
Northport, New York (cont'd.)	Physical Therapy in the Hospital for Therapists.
Pittsburgh, Pa. (Leech Farm Road)	Value Store (VA Learning Useful Employment). Training Program for COTA and OTR Students Concurrently. Home Training Program. Corrective Therapy Program. Educational Therapy. Volunteer Teachers Program. Small Engine Repair Training. Hand Fabrication Techniques. Print Shop. Industrial Therapy: Greenhouse Sales Program. Incentive Therapy Program. Assignment and Supervision of Individually Assigned Therapeutic Work Activity including Special Training Program.
Salisbury, N.C.	Corrective Therapy in the NP Hospital. Manual Arts Therapy and Industrial Therapy in the NP Hospital. Physical Therapy Orientation. Recreation in the NP Hospital. Educational Therapy in the NP Hospital.
St. Cloud, Minn.	Organization and Administration of PM&RS Therapy Sections.
Temple, Texas	Corrective Therapy. Occupational Therapy.
Topeka, Kansas	Clinical Recreational Therapy. Clinical Training in Corrective Therapy. Coordinating PM&RS Activities for Psychiatric Patients with emphasis on the Unit System. Industrial Therapy with Emphasis on Industrial Placement. Methods in Speech Rehabilitation. Manual Arts Therapy. Occupational Therapy in a Unit Type Hospital. Occupational Therapy as an Evaluation and Treatment Process.
Tuscaloosa, Ala.	Corrective Therapy Program at VA Hospital Tuscaloosa, Alabama. Attitude Therapy in Manual Arts Therapy. Attitude Therapy in Recreation Therapy Program. Attitude Therapy in Industrial Therapy Program in an NP Hospital. PM&RS Coordinator Services. Occupational Therapy Program at VA Hospital Tuscaloosa, Alabama. Group Discussions as a means of Motivating Patients.
West Roxbury, Mass.	Physical Medicine and Rehabilitation for the Severely Disabled.
Prosthetic Service	
Atlanta, Georgia	Rigid Casting of Amputee with Immediate Postoperative Fitting. Prosthetic Specialist Trainee. Prosthetic Treatment Center.
Los Angeles, Calif. (Wadsworth)	Prosthetic Orientation. Management of Lower Extremity Amputees—Immediate Postsurgical Prosthetics.
Psychiatry Service	
Coatesville, Pa.	General Psychiatry.
Topeka, Kansas	Three month course in Psychiatry. Multidisciplinary Approach to Treatment of Alcoholism in a Hospital Setting.

Psychiatry Service (cont'd.)

VA Hospital	Course Title or Description
Topeka, Kansas (cont'd.)	Group Living Program for Psychiatric Patients.
American Lake/Tacoma, Wash.	Imagination Therapy.
Bedford, Mass.	Duo-Therapy.
Buffalo, N. Y.	Using Volunteers in a Day Treatment Program.
Chillicothe, Ohio	Functions of an Exit Unit.
East Orange, N.J.	Training Tomorrow's Psychologist. Family Psychotherapy. Application of Psychoanalytic Principles to Psychotherapy Problems in the VA.
East Orange, N.J.	Clinical Use of the Minnesota Multiphasic Personality Inventory. Outpatient Rehabilitation of Chronic Psychiatric Patients. Clinical Applications of the Halstead Neuropsychological Techniques.
Fresno, Calif.	Operation of a Problem Drinking Treatment and Research Program including selection, outpatient and inpatient treatment, aversive therapy and followup.
Lexington, Ky.	Sheltered Employment: Intra and Extra-mural. Orientation to a Unique and Comprehensive Approach to the Treatment and Rehabilitation of the Alcoholic Patient.
Los Angeles, Calif. (Wadsworth)	Rehabilitation Counseling Training Program. Psychology Training Program.
Martinsburg, W.Va.	Reciprocal Role Theory in Behavior Modification.
Montrose, N.Y.	A Community-Based Outpatient Program Providing Psychotherapeutic After-Care for Discharged Patients by Hospital Psychologists.
Northport, N.Y.	The Community-Hospital Occupational Program. Role Re-Training Techniques.
Portland, Oregon	Observation of a training program affiliated with the Psychiatry Department of the University of Oregon Medical School.
St. Cloud, Minn.	Introduction to the Operation of the Psychology Service.
Waco, Texas	Alcoholism Rehabilitation Program. Psychodrama and Other Group Programs. Psychological Admissions Screening Program.
White City, Oregon	Observer session to our vocational—industrial preparation program (VIP).

Radiology Service

VA Hospital	Course Title or Description
Los Angeles, Calif. (Wadsworth)	Residency in Radiology. Training School for X-Ray Technologists.

Radiology Service (cont'd.)

VA Hospital	Course Title or Description
Portland, Oregon	Cineradiology. Informal observation of the technique and utilization of guided aortography. Review of interesting diagnostic radiographic studies derived from abundant clinical material at this hospital through the years.

Research Service

VA Hospital	Course Title or Description
Atlanta, Georgia	Phage Typing of Mycobacteria in Research or Clinical Areas.
Bay Pines, Fla.	Research on the Psychology of Aging.
Bedford, Mass.	Feedback Electroencephalography. Techniques in Tissue Culture.
Los Angeles, Calif. (Wadsworth)	Radioisotope Training Course. Radiopharmaceuticals.
Topeka, Kansas	Neuropsychology.

Social Work Service

VA Hospital	Course Title or Description
American Lake/Tacoma, Wash.	Undergraduate Social Work Field Program. Placement of Patients in Homes Other Than Their Own. Nursing Home Care Unit Rehabilitation Program. Role-playing Group in Education of Social Work Trainees.
Atlanta, Georgia	Social Work Service Administration, Organization, Recording, Reports and Staff Development. Social Work Service on: Medical Service, Tuberculosis Service, Surgical Service, Orthopedic Service (Multiple Amputee Center) Psychiatry Service, Day Treatment Center, Mental Hygiene Clinic, Visual Impairment Team, Contract Nursing Care and Outplacement Service, Student Training.
Bedford, Mass.	A Range of Therapeutic Activities for Psychiatric Patients in Selected Foster/Multiple Placement Homes. Social Work Services on the Nursing Home Care Unit.
Chicago (WS), Ill.	Social Work Activity on Hospital Admissions. Day Center Activities. Day Hospital.
Chillicothe, Ohio	Family Care Program. Nursing Home Program.
Fort Lyon, Colorado	Community Care for Convalescent Veterans.
Hampton, Virginia	Social Work Service Programs in the VA Domiciliary. Social Work Service Programs in the Intermediate Service at the VA Center. The Team Approach and Psycho-Social Factors in the Treatment of Spinal Cord Injury Patients.
Houston, Texas	Day Hospital. Nursing Home Care Unit. Day Treatment Center.
Knoxville, Iowa	Community Care Program in a Primarily Rural Setting.
Lexington, Ky.	Social Work Service and the Community Placement Program. Social Work Service and the Social Work Associate. Student Training and Continuing Education Program in Social Work.

VA Hospital	Course Title or Description
Social Work Service (cont'd.)	
Little Rock, Ark.	Achievement Motivation Program. SWAV—Social Work Associate Volunteer Program. A Comprehensive Case Study Approach to Teaching Medical Students.
Los Angeles, Calif. (Wadsworth)	Field Work—Graduate Education. Orientation to the Renal Dialysis and Transplant Program and the Home Dialysis Training Program and to Social Work Service in these programs. Orientation to VA Contract and Community Nursing Home Program with emphasis on followup. Orientation to the Newly Published System of Hospital Administrative Issues.
Montrose, N.Y.	Use of a Pre-Community Placement Ward and of Part-Time Social Workers in Supervising Community Adjustment. Communicating with Relatives Through a Hospital Newsletter.
Northport, N.Y.	Outplacement Program. Social Work Associates as Staff Members. The Role of the Social Worker and Nurse in the Community Outplacement Program.
Pittsburgh, Pa. (Leech Farm Road)	Community Placement Program. Seminar on Social Work with Groups.
Salisbury, N.C.	Observation and training in operation of a Community Placement Ward and Community Placement Program. Observation and training in operation of a Self-Care Ward. Observation and training of development and operation of Fairweather Behavior Modification Program. Operating the Diversified Social Work Program.
St. Cloud, Minn.	Community Nursing Home Placement Program. Field Training for Undergraduate Social Workers. Community Placement Program.
Topeka, Kansas	Teaching Social Work Students in the Field Setting.
Tuscaloosa, Ala.	Observation and training in Social Work Function in Attitude Therapy Program and Team Treatment Approach. Observation and training in the function and operation of a Community Placement Program Ward and Placement Program. Observation and training in developing and operating a Self-Care Unit.
Waco, Texas	Orientation to Community Residence Program.
White City, Oregon	Orientation to VAD White City Social Work Service Program. Seminar on designing domiciliary Social Work Service Programs for current patient-member needs. Orientation to alcoholic treatment program. (ATP).
Wilkes-Barre, Pa.	Use of Family Care Homes for General Medical and Surgical Patients.
Supply Service	
Atlanta, Georgia	Theory and Practice of SPD Operation, Supply Division.

Supply Service (cont'd.)

VA Hospital	Course Title or Description
Bay Pines, Fla.	Station Key Punch Activities. Purchase of Open Market Drugs.
Knoxville, Iowa	Supply Activities.
Louisville, Ky.	Inventory and Issue Control. Processing and Distribution.
Portland, Oregon	Scheduled Automatic Issue and Contaminated Pick up. Methods of Processing. Product Evaluation. Group and Shift Assignments. Ward and Clinic Issue. Orientation and Training. Other Related Responsibilities.
Wichita, Kansas	Administrative Procedures. Storage and Distribution. Purchase and Contract. Inventory Management Section.

Surgical Service

VA Hospital	Course Title or Description
Albany, N.Y.	Peripheral Vascular Surgery. Thoracic and Cardiovascular Surgery. General Surgery.
Lake City, Fla.	General Surgery; Head and Neck Surgery.
Portland, Oregon	General Surgery. Open Heart Surgery. Head and Neck Surgery. Orthopedic Surgery. Ophthalmology. Otolaryngology. Neurosurgery. Urology.
White River Jct., Vt.	Lecturers: Dr. Anges V. Bartlett 1. Pharmacological Troublemakers in Anesthesia. 2. Anesthesia Management of the Patient with Carcinoid Syndrome. 3. Fluid and Electrolyte Balance for Nurses. Dr. John W. Herries Cardiac Resuscitation In-service for Nurses and Aides.
Wilkes-Barre, Pa.	Gastric Surgery with Emphasis on Surgical Management of Peptic Ulcers.

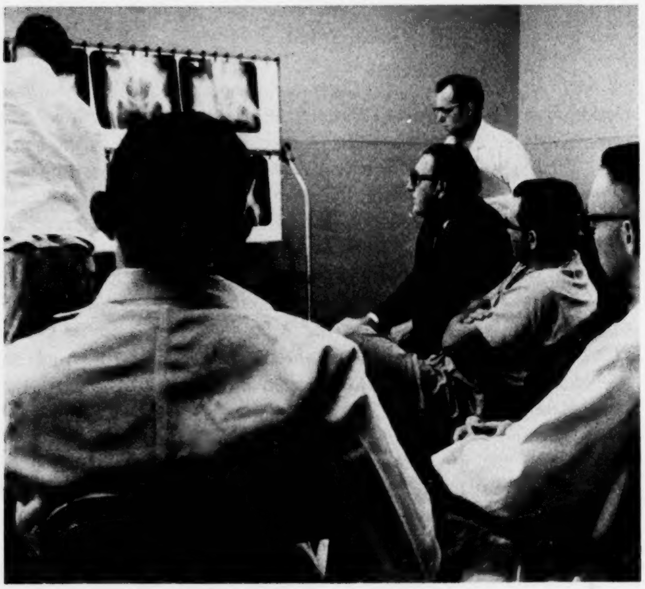
Voluntary Service

VA Hospital	Course Title or Description
American Lake/Tacoma, Wash.	Volunteer-Patient Relationship.
Salisbury, N.C.	VAVS Program and Role of Director of Voluntary Service in VA Hospitals.

In addition to the hospital initiated programs, several have been designed by VA Central Office to meet previously defined new, nationwide educational needs. For example, training in the use of the "Problem Oriented Medical Record" will begin with a 3-day workshop in Atlanta, Georgia early in FY 1972. This program will be conducted through arrangement with Emory University School of Medicine. Attendance by 75 VA physicians from throughout the nation is anticipated. A collaborative study will be undertaken to test the feasibility and acceptability of the problem oriented record utilized in the care of patients on VA hospital medical services. This will be accomplished through the use of a common protocol developed as a result of the workshop to be held in Atlanta.

Concern for the treatment of medical problems of the aging veteran will continue to occupy a significant amount of attention of physicians and other patient care personnel throughout the Department of Medicine and Surgery. A manifestation of this concern is a two day course, "Cardiopathy of the Aging," which is planned for April 1972 at Little Rock, Arkansas. It will have an enrollment of over 170 physicians and will be open to non-VA physicians as well. Its purpose is to focus in depth on problems of the elderly cardiac patient including diagnosis, pharmacologic aspects, surgery, and there are those which have their genesis in the VA Central Office and the socio-economic impact of heart disease. The faculty for this course will include VA and non-VA experts and will be drawn from throughout the United States and Great Britain.

Recognizing that there soon will be a growing need for the appointment of new Chiefs of Psychology within VA hospitals due to forthcoming increases in retirement eligibility, plus the normal loss of persons currently holding such positions, a Psychology Leadership Training Program for potential chief psychologists will be put into operation in fiscal year 1972. This will involve the selection of 10 staff psychologists annually. They will each spend 1 week of training at each of three VA hospitals where Leadership Training Programs have been prepared and where leadership style and programs differ. At these hospitals outstanding Chief Psychologists, their staffs, and skilled hospital management personnel, as well as outstanding university consultants, will contribute to training in a planned curriculum. Following these experiences the trainees will spend 1 week in the VA Central Office, Washington, D.C., where they will have an opportunity to blend field and Central Office experience and philosophies. Following completion of training they will return to their original hospitals to function as assistants chiefs until they are assigned as Chief Psychologist at other VA hospitals.



Numerous other educational programs are being developed which will be specifically designed to meet other current and anticipated needs of the Department of Medicine and Surgery. Examples include training of medical and allied personnel in problems of alcoholism and drug abuse, workshops in behavior therapy for psychiatrists and mental health workers, a workshop in automation in the mental health area, and a seminar and workshop on social work for the geriatric patient.

Budget. The budget of the Postgraduate and Inservice Training Program has shown a general increase over the past 10 years. This emphasizes the recognized importance of this program as a vital portion of the research-education-patient care triad.

Although the budget for FY 1972 of $4,805,000 does not permit continuing education and training to the fullest extent desirable, it represents a substantial increase ($1,298,000) over the expenditures for this program in FY 1971. A further increase to $5,408,000 requested for FY 1973, will enable wider and deeper penetration in needed areas of continuing education and training within the Department of Medicine and Surgery.

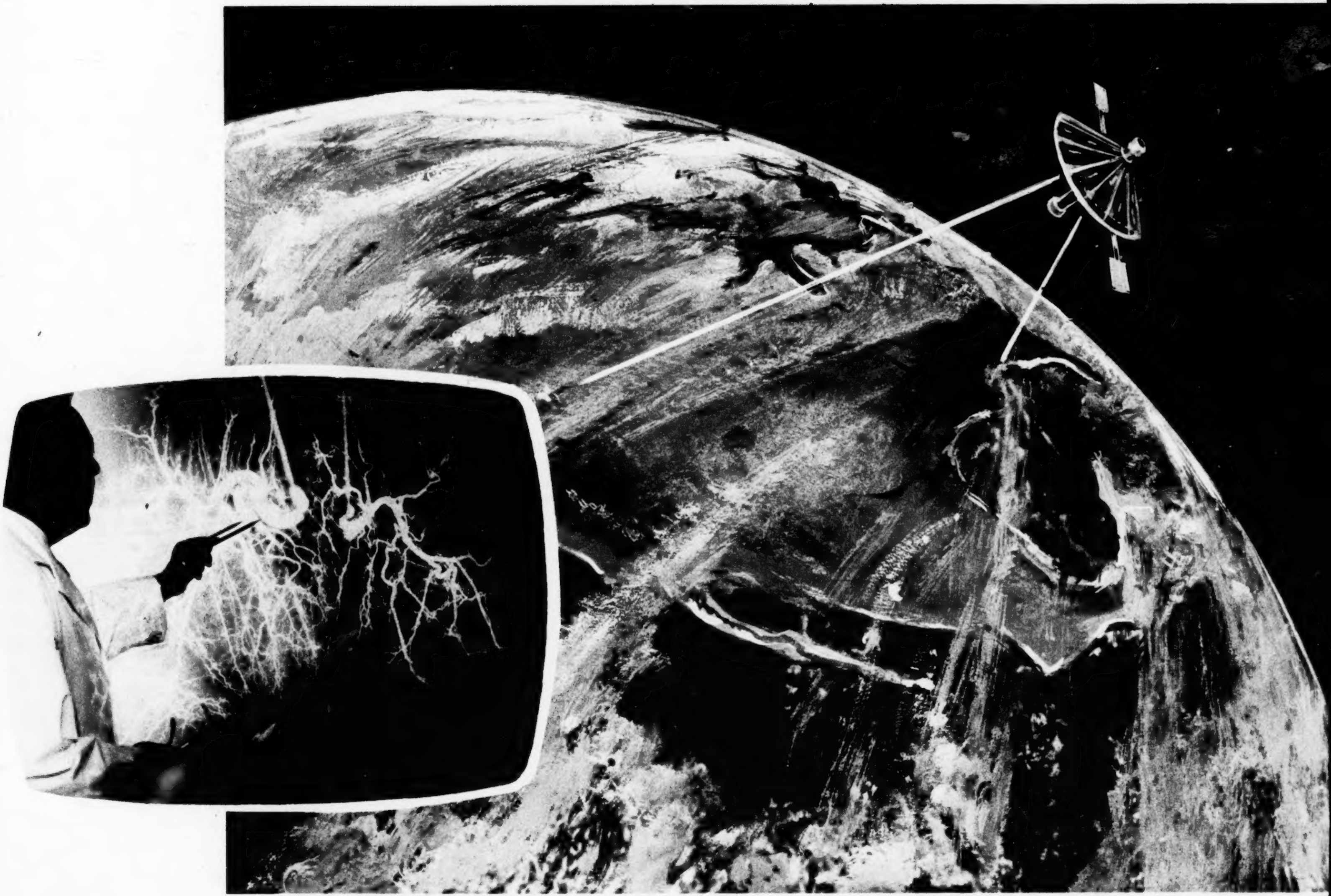
Program Costs—1962-1971

Fiscal Year	Expenditures
1962	$1,684,000
1963	1,699,000
1964	1,522,000
1965	1,553,000
1966	1,725,000
1967	1,937,000
1968	1,868,000
1969	2,117,000
1970	3,120,000
1971	3,507,000

COMPARATIVE ANALYSIS OF EDUCATIONAL ACTIVITIES AND COSTS

TUITION & REGISTRATION	1971 Actual	1972 Est.	1973 Est.	Incr. Decr.
Number of Staff	7,795	9,563	12,330	+2,767
Physicians, Dentists Nurses	3,187	3,921	5,055	+1,134
Therapists, Technicians, etc.	2,663	3,251	4,192	+ 941
Med. Admin. Employees	1,945	2,391	3,083	+ 692
Average Cost	$ 103	$ 103	$ 103	—
Total Cost (thousands)	$ 803	$ 985	$1,270	+ 285
LECTURE FEES **Lectures for Staff**				
Number of Lectures	4,409	6,428	7,057	+ 629
Average Cost	$ 70	$ 70	$ 70	—
Sub-Total (thousands)	$ 314	$ 450	$ 494	+ 44
Visits by Medical Authorities (Physicians-in-Residence) No. of Visits	83	70	86	+ 16
Average Cost	$ 289	$ 289	$ 289	—
Sub-Total (thousands)	$ 24	$ 20	$ 25	+ 5
Total Lecture Fees (thousands)	$ 338	$ 470	$ 519	+ 49

EDUCATIONAL ASSIGNMENTS REQUIRING TRAVEL	1971 Actual	1972 Est.	1973 Est.	Incr. Decr.
Number of Staff	12,235	15,675	17,752	+2,077
Physicians, Dentists, Nurses	5,459	6,897	7,811	+ 914
Therapists, Technicians, etc.	3,747	4,859	5,503	+ 644
Med. Admin. Employees	3,029	3,919	4,438	+ 519
Average Cost	$ 169	$ 169	$ 169	—
Total Cost (thousands)	$2,068	$2,649	$3,000	+ 351
TRAINING EQUIPMENT AND SERVICES				
Equipment	$210	$590	$500	- 90
Supplies & Materials	91	95	100	+ 5
Shipment, Presentation, Rent & Utilities	11	15	16	+ 1
Printing & Reproduction	1	1	3	+ 2
Total Cost (thousands)	$ 313	$ 701	$ 619	- 82
TOTAL COST (thousands)	$3,522	$4,805	$5,408	+ 603



exchange of medical information

History. Many of the 166 VA hospitals are situated in geographic areas which are remotely located with respect to the nation's medical centers. Although not unique to the VA, such isolation presents some challenging problems. In these communities, it is much more difficult than it would be in a more urban setting to recruit and retain well-trained medical staff, provide for their continuing professional education, and insure high-quality, modern medical care for their patients.

Recognizing that modern technology can contribute greatly to bringing the most modern medical knowledge to locations remote from the major medical teaching centers, Congress enacted Public Law 89-785 on November 7, 1966. This law, among other provisions, added Sections 5051-2, and 5054-6 to Title 38, U.S. Code, and deals specifically with the VA's Exchange of Medical Information Program. Authority is provided for the VA to engage in and to support through grants innovative pilot programs, which have as their objectives the strengthening of those VA hospitals not affilated with medical schools and/or located remote from medical centers, as well as, the fostering of "... the widest cooperation and consultation among all members of the medical profession..." (38 USC 5054), whether within or outside of the VA.

The programs instituted under the Exchange of Medical Information legislation are designed to promote "... an environment of academic medicine [at peripheral VA hospitals] which will help...attract and retain highly trained and qualified members of the medical profession" (38 USC 5054). This environment, and the staff so recruited, aid in achieving the ultimate purpose of making available the best and most up-to-date medical care for the veteran patient at VA hospitals not affiliated with medical schools.

Section 5055 (c)(1) of Title 38 authorized funding of the Exchange of Medical Information Program through FY 1971. However, on August 6, 1971, the President signed legislation, Public Law 92-69, which authorizes its continued support through FY 1975.

In FY 1968, its first year of operation, the Exchange of Medical Information Program was funded at $942,000. The support of this program increased to $974,000 in FY 1969 and to $2 million in FYs 1970, 1971 and 1972. Further increase is being requested for FY 1973. The funds provided have been fully expended and well invested in pilot programs which, once established, rapidly make contributions in increased measure to patient care.

Program Developments and Structure. All VA hospitals are involved in the Exchange of Medical Information Program, either as "core" hospitals from which information flows to outlying hospitals or as recipients of this information. In every instance the programs are designed as instruments for the improvement of the delivery and the quality of health care at peripheral locations. Furthermore, the Exchange of Medical Information Program and the concept of regionalization, as it is being applied in the Department of Medicine and Surgery of the VA, provide for an interdigitation toward the common goal of enabling every VA hospital to offer the advantages of the latest developments in medical care to its patients.

Participation in Exchange of Medical Information programs by VA hospitals has been as follows:

Fifty-seven VA hospitals have participated in one program

Sixty-six VA hospitals have participated in two programs.
Thirty-two VA hospitals have participated in three programs.
Seven VA hospitals have participated in four programs.
Three VA hospitals have participated in five programs.
One VA hospital has participated in six programs.

To further carry out the intent of the legislation, Exchange of Medical Information activities are being made available to the health professionals in 97 communities surrounding VA hospitals. This is of particular benefit to those members of medical communities located remote from medical teaching centers.

The grants authorized under this program are provided to medical schools, hospitals, and research centers while the pilot programs not funded by grants are conducted at VA hospitals. These activities vary in concept, scope, and content although each has as its objectives the investigation, development, and implementation of innovative programs in exchange of medical information. They cover a wide spectrum including (1) multiple methods of presentation and utilization of closed circuit and open broadcast television, (2) development and operation of multi-media, instructional resource and learning centers, (3) a collaborative program for continuing education in dentistry, (4) a multifaceted program of educational enrichment at a hospital remote from a teaching center, (5) an extended educational leave program, (6) a nationwide, instantaneous, dial-access information system for physicians, and (7) a coordinated cartridged film and lecture program reaching 90 hospitals.

Fiscal Year 1971 Highlights. In FY 1971, 20 major pilot programs were conducted at VA hospitals, medical schools, non-Federal hospitals, and research centers.

A listing of these programs, with costs, begins below, followed immediately by another section providing a brief description of each program.

Exchange of Medical Information Grants

	Expenditures Fiscal Year 1971
1. Medical Information System Via Telephone (MIST)	
University of Alabama	$ 58,012
2. Two-Way Micro-Link Television System Between Duke University Medical Center and VAH Durham	
Duke University Medical Center	56,225
3. Mobile Teaching Facility	
Jefferson Medical College	13,188
4. Teleconsultation and Telemedicine System Between Massachusetts General Hospital and VAH Bedford	
Costs at VAH Bedford relative to grant	32,721
Massachusetts General Hospital	103,200
5. Two-Way Closed Circuit Television System Between University of Nebraska Medical Center and VAH's OMAHA, Lincoln, and Grand Island	
Costs at VA hospitals relative to grant	$149,151
University of Nebraska	30,472
6. Program of Educational Enrichment and Assistance at VAH Muskogee	
Costs at VAH Muskogee and VAH Oklahoma City relative to grant	232,719
University of Oklahoma Medical Center	131,887
7. Center for Continuing Health Education	
Costs at VAH Salt Lake City relative to grant	17,586
University of Utah	137,736
Total	$962,897

Pilot Programs Not Funded By Grants

8. Advanced Clinical Education For Physicians and Dentists

Assignment of personnel from principally nonaffiliated hospitals to training programs in their specialty areas of interest	$ 16,864
9. Broadcast of Videotapes (Funding included in contract for Cartridged Film-Guest Lecture Program)	
Presentation of material over local cable television directed to health professionals in Sheridan, Wyoming	
10. Cartridged Film-Guest Lecture Program	
Distribution of selected films, study guides, special materials, and lecturers to 90 VA hospitals	$453,081
11. Closed Circuit Television, Various VA Hospitals	246,359
12. Collaborative Dental Program	
Innovative program in continuing education in dentistry involving five VA hospitals in New England and Harvard School of Dental Medicine	54,024
13. Demonstration Project for Educationally Focused Field Experience Units in Social Work	
To demonstrate that soundly developed field experience programs for undergraduate social welfare students can make contribution to social work manpower pool	93,971
14. Dial Access for Physicians	
Over 400 lectures for physicians available nationally by dialing one number	6,126
15. Holography	
Production of educational film to disseminate technique of holography and its relevance to diagnostic and other medical/scientific problems	$ 13,000
16. Instructional Resource Center	
Model educational center at VAH Chicago (West Side) to serve outlying hospitals with locus of educational materials and various modes of presentation	43,500
17. Physician's Assistants in Radiology	
Development of curriculum for training of physician's assistants in radiology	11,000
18. Single Concept Films in Dentistry	
Production of series of films in current concepts of oral diagnosis and treatment	53,800
19. Solutions to Problems in Respiration	
Syllabus and text demonstrating mathematical solutions to actual problems in respiration	7,830
20. Utilization of Surgeon's Assistants for Modification of Health Delivery Systems	
Documentation of factors affecting delivery of surgical services and comparison of surgical services conducted in traditional manner and with use of surgical auxiliaries	37,341
Total	$1,036,896
GRAND TOTAL	$1,999,793

Description of Exchange of Medical Information Grant Programs

1. Medical Information System Via Telephone

VA Hospitals Involved:
VAH Birmingham, Alabama
VAH, Montgomery, Alabama
VAH Tuscaloosa, Alabama
VAH Tuskegee, Alabama

Grantee: University of Alabama School of Medicine

This grant was initiated in March 1971, and supports a program through which the grantee provides a MIST (Medical Information Service Via Telephone) between the University of Alabama Medical Center complex and the VA hospitals at Montgomery, Tuscaloosa, and Tuskegee, Alabama. The MIST–VAH system will facilitate exchange of medical information between physicians, nurses, and allied health personnel in the VA hospitals on one hand and the faculty and staff of the Medical Center of the University of Alabama in Birmingham on the other. This interchange will serve to improve direct patient care through consultation and the transmission of health care data and also will function as the communications medium for educational activities. It will accomplish these objectives through the following means:

1. Direct transmission of electrocardiograms, carotid pulse tracing, and phonocardiograms on a 24-hour per day basis from VA physicians to cardiologists at the Medical Center for interpretation or consultation.

2. Immediate person-to-person consultations through the MIST–VAH system between physicians at VA hospitals and faculty members at the Medical Center. Following consultations, and when appropriate, library material will be sent from the Medical Center Library to the requesting physicians.

3. Telelectures and teleconferences with two-way audio communications. These will be in the form of single presentations or as full courses designed for physicians or other health professionals.

2. Two-Way Micro Link Television System Between Duke University Medical Center and VAH Durham

VA Hospitals Involved:
VAH Durham, North Carolina
VAH Fayetteville, North Carolina
VAH Oteen, North Carolina
VAH Salisbury, North Carolina

Grantee: Duke University Medical Center

This grant provides for the operation by Duke University Medical Center and its affiliate, VA Hospital Durham, of an ITFS (Instructional Television Fixed Service) system between the two institutions, and for distribution of programs to the other VA hospitals in North Carolina, which are not affiliated.

This system includes production of live and videotape teaching presentations, classes and clinical conferences conducted for students and staff in classrooms and laboratories at both locations, and facilities for elective viewings of previously produced materials. Copies of tapes are being made available by the grantee to the non-affiliated VA hospitals for the purpose of building and maintaining current videotape reference libraries on a wide variety of medical and allied subjects. Fifty-eight videotape productions have resulted from this project. In addition, study guides have been developed for some of the programs.

Programs have been produced in the following subject areas:

Internal Medicine
Microbiology
Nursing
Physician's Assistants
Psychiatry
Radiology
Surgery

3. Mobile Teaching Facility

VA Hospital Involved: VAH Coatesville, Pennsylvania

Grantee: Jefferson Medical College

This project provides for maximum utilizaton of teaching time to effect optimum benefits from the affiliation between the grantee and VA Hospital Coatesville, Pennsylvania. Under this plan, Jefferson Medical College operates and maintains a bus, designed for conducting teaching sessions, with seating arrangements and audiovisual accessories suitable for small group discussions and individual study. Medical students, residents, and teaching staff are now using this mobile classroom to make the round trip of approximately 92 miles between Jefferson Medical College and the Coatesville hospital.

This innovation is expected to have an impact on medical education by increasing the number of teaching hours in those programs in which clinical facilities are located at some distance from affiliated teaching centers.

4. Teleconsultation and Telemedicine System Between Massachusetts General Hospital and VAH Bedford

VA Hospital Involved: VAH Bedford, Massachusetts

Grantee: Massachusetts General Hospital

This grant provides for the development and operation of a teleconsultation and telemedicine system between the Massachusetts General Hospital and the VA Hospital at Bedford, Massachusetts.

This system, which became operational in March 1970 is presently demonstrating that professional consultation and treatment via two-way television is not only feasible but is an effective method of delivery of health services. This teleconsultation–telemedicine system is functioning between the VA hospital at Bedford, Massachusetts and Massachusetts General Hospital via a repeater station which transmits the signal over obstructing terrain. The distance between the two hospitals is about 25 miles. The studios at VA Hospital Bedford have been designed to accommodate most of the needs of the system.

The New York Times on July 23, 1970, recognized this project as the pioneer in a "historic new television system" used in the treatment of patients.

Utilization of the system is extensive and covers numerous services both for teaching and clinical purposes. Some of the activities conducted during Fiscal Year 1971 follow:

A. Drug Abuse:

(1) Patient treatment.
(2) Staff education.

B. Alcohol Abuse:

(1) Patient treatment.
(2) Staff education.
(3) Alcoholism patients advised by child psychiatrists on effects of their alcoholism on their children.

C. Specialty Board Course Preparation:

(1) Psychiatry.
(2) Neurology.

D. Teaching: Harvard Medical School:

(1) Interview of VA Hospital Bedford patient by staff of Harvard Medical School. Patient is presented by psychiatrist of Bedford hospital, who also discusses patient with Massachusetts General Hospital instructor accompanying students.

E. Psychodrama.

F. Speech Therapy.

G. Clinical Pathology Conference.

H. Medical Rounds.

I. Dermatologic Rounds.

J. Ophthalmic Consultations.

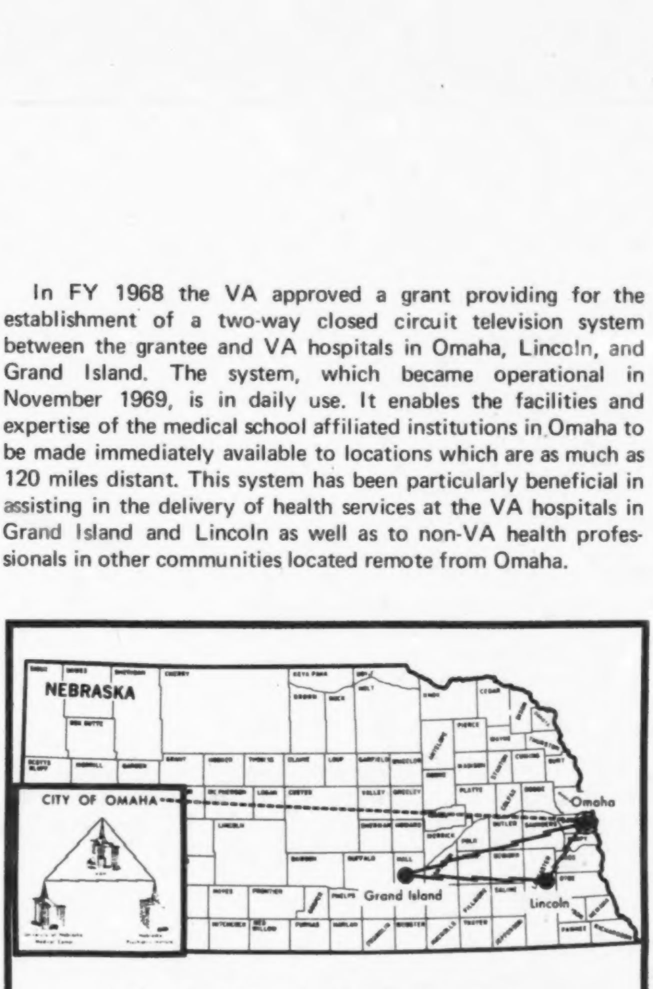
K. Network for Continuing Medical Education Tapes.

5. Two-Way Closed Circuit Television System Between University of Nebraska Medical Center and VAHs Omaha, Lincoln, and Grand Island

VA Hospitals Involved:
VAH Grand Island, Nebraska
VAH Lincoln, Nebraska
VAH Omaha, Nebraska

Grantee: University of Nebraska

In FY 1968 the VA approved a grant providing for the establishment of a two-way closed circuit television system between the grantee and VA hospitals in Omaha, Lincoln, and Grand Island. The system, which became operational in November 1969, is in daily use. It enables the facilities and expertise of the medical school affiliated institutions in Omaha to be made immediately available to locations which are as much as 120 miles distant. This system has been particularly beneficial in assisting in the delivery of health services at the VA hospitals in Grand Island and Lincoln as well as to non-VA health professionals in other communities located remote from Omaha.



Nebraska Closed Circuit TV System

In FY 1971 approval was granted to expand the Nebraska-VA television system to include the University of Nebraska Medical Center. Previously the link with the University of Nebraska was limited to the Nebraska Psychiatric Institute which is the psychiatric arm of the University Medical Center. The additional connection links the VA system with a new biomedical communications center in the University Hospital.

Use of the television network has grown tremendously since its early days of operation in 1969. During FY 1971 the system was in use for a total of 1,267 hours. Approximately 68 percent of the TV time was devoted to educational purposes, 25 percent to patient care activities, and 7 percent to miscellaneous activities.

Attendance at programs at the Omaha VA facility reached 5,578 while attendance at Grand Island reached 2,266 of which 708 were individuals from community hospitals and agencies outside the VA.

Many of the departments at the participating hospitals have taken advantage of the system to hold regular conferences on current issues and problems of common interest and to share information on particular cases. Among those using the system in these ways are the departments of pathology, psychiatry, dermatology, surgery, neurology, orthopedics, otorhinolaryngology, and the tumor board.

There is no urologist at VA Hospital Grand Island but physicians there have regular television consultations with an urologist at the Omaha VA Hospital. This practice provides the essential services of a specialist for patients at Grand Island without incurring the cost of travel of a consultant.

6. **Program of Educational Enrichment and Assistance at VAH Muskogee**

VA Hospitals Involved:
VAH Muskogee, Oklahoma
VAH Oklahoma City, Oklahoma

Grantee: University of Oklahoma Medical Center

In the latter part of FY 1968 the University of Oklahoma and the VA entered into an Exchange of Medical Information agreement under which the grantee is authorized to plan, direct, and conduct a program of educational enrichment and assistance at VA Hospital Muskogee with the concomitant objective of improving the delivery of health services at the hospital and in the community at large. This is being accomplished in coordination with the University of Oklahoma Medical Center and the VA hospital at Oklahoma City.

The climate for patient care has shown marked improvement with the presence of new staff, students, and house staff and with the help of educational programs. Objective studies to quantitate the changing level of patient care are in progress. Preliminary readings indicate substantial improvement: patient records are more complete and informative; patient evaluation and management appear to be more thorough; and the patient mortality rate from acute myocardial infarction within 48 hours of hospital admittance has decreased 50 percent.

With the addition of highly skilled staff, a number of procedures have been introduced to VA Hospital Muskogee. Among those are the placement of transvenous cardiac pacemakers, peritoneal dialysis, and the aggressive treatment of gastrointestinal bleeding, respiratory failure, and cardiac arrest.

The Physician's Assistants on the staff have been instrumental in the establishment of a cardiopulmonary resuscitation team at the Muskogee VA hospital. The majority of the RN's, LPN's, and nursing aides have received training to the extent that they can sustain the patient until the cardiopulmonary resuscitation team arrives.

As a result of this program, respiratory and coronary care units are in operation at VA Hospital Muskogee. The latter unit is monitored on a 24 hour per day basis by personnel at Oklahoma City.

Educational activities involving computer-assisted, programmed instruction and extensive staff exchange between the University Medical Center and VA Hospital Muskogee have also been instituted. Interesting clinical rotations are being provided for residents and medical students. The Muskogee hospital is thus becoming an academic center for the continuing education of community physicians and the training of medical students and residents from the University of Oklahoma Medical School.

A baccalaureate degree program in the training of Physician's Assistants based at the University, has been extended to include one year of clinical training at VA Hospital Muskogee. There are now 22 students enrolled in the program of whom seven will graduate in 1972.

The educational enrichment project is resulting in improved professional staff recruitment at VA Hospital Muskogee. Specialty physicians have recently been added to the staff in the fields of pulmonary disease, nephrology, gastroenterology, cardiology, endocrinology, and cardiovascular physiology.

The activities instituted as part of a comprehensive "enrichment" program at the VA Muskogee hospital are demonstrating that these techniques can greatly increase the quality of medical care provided in hospitals which are remotely located from medical teaching centers.

7. Center for Continuing Health Education

VA Hospitals Involved:
VAH Grand Junction, Colorado
VAC Boise, Idaho
VAH Fort Harrison, Montana
VAC Reno, Nevada
VAH Salt Lake City, Utah
VAH Sheridan, Wyoming

Grantee: University of Utah

This grant provides for the development by the grantee and VA Hospital Salt Lake City, of a regional center and program for continuing health education.

The focus of the Center will be on continuing education, retraining of health personnel, and the training of new types of allied health personnel for the benefit of the outlying VA hospitals participating in this project. This is being accomplished through a variety of educational activities and media including initial visits to the peripheral hospitals to determine educational needs, establishment of effective communications between hospitals, development of mechanisms for inventory and acquisition of existing instructional aids, and identification and training of appropriate personnel to assume responsibility for direction of programs at their hospitals. In FY 1971 recruitment of staff for the Center for Continuing Health Education was completed.

Initial visits to concerned VA hospitals were conducted to determine specific educational needs and methods for improving patient care.

Five methods for improvement of patient care were considered and are now planned. They are as follows:

- Conduct of a survey of interests and needs of all the health personnel in the concerned VA hospitals.
- Institute practice of medical auditing with the focus on medical-record abstracting and the setting of criteria for patient care.

- Development of patient profiles which spotlight the kinds of problems commonly seen by physicians.

- Conduct of a nursing care quality evaluation in the assessment of inpatient care.

- Development of specific task analyses in each health care delivery unit.

Three workshops were held during FY 1971. The first focused on development of a data base and of skills in the identification of educational needs. The second was concerned with development of criteria for evaluating the quality of patient care, while participants at the third workshop gained experience in evaluating quality of care through clinical record auditing and were introduced to the concept and practice of problem-oriented medical records.

Interest and enthusiasm for the potential of the Center for Continuing Health Education in the Rocky Mountain area is high. The Center is becoming recognized by area health professionals as a promising instrument for innovation in continuing health education and improved patient care.

8. Advanced Clinical Education for Physicians and Dentists

VA Hospitals Involved: Listed below

Maintaining staff members at non-affiliated hospitals who are constantly updated in the modern practice of medicine and dentistry requires a continuing and multi-faceted educational effort.

This program represents one important facet of such an endeavor. It is designed to bring physicians and dentists on the staffs of peripheral VA hospitals into the environment of an active, medical school-affiliated VA teaching hospital. *(NOTE: Dentists stationed at hospitals affiliated with medical schools are eligible to participate in this program when advanced clinical education in the desired area of dentistry is not available locally.)*

Almost every course is tailored to meet the needs of the applicant and, insofar as possible, includes actual participation in patient care and teaching activities under the supervision of a preceptor. The average length of the assignments varies from 2 to 8 weeks, although there are exceptions dictated by the needs of the specialty area in which the training is conducted.

This program has had a demonstrable effect on the delivery of medical and dental care in peripheral VA hospitals. A dominant theme appearing in reports and critiques concerning this program is that the information and experience gained by the participants has led to improved approaches to clinical problems. In many instances, local therapeutic routines have been changed as a result of physician participation in this program.

Listed below are the educational assignments supported to date under this program.

VA HOSPITAL AT WHICH			POSTGRADUATE TRAINING	
STATIONED*	TRAINED**	POSITION OF EMPLOYEE	SPECIALTY	PERIOD (WKS)
Ft. Harrison MT[1]	Minneapolis MN	Staff Physician	Hematology & Alcoholism	2
Grand Island NE	Omaha NE	Chief, Surgical Svc	Surgery	3
Bath NY[1]	Durham NC	Staff Physician	Pulmonary Disease	4
Bath NY[1]	Albany NY	Chief EENT Surg Svc	Ophthalmology	4
Bronx NY	Leavenworth KS	Staff Dentist	Prosthodontics	3
Canadaigua NY	Albany NY	Staff Surgeon	Vascular Surgery	3
Dayton OH[1]	Houston TX	Staff Dentist	Maxillo-facial Prosthetics	2
Oklahoma City OK	Houston TX	Staff Dentist	Prosthodontics	4
Lebanon PA	Philadelphia PA	Chief, Lab Svc	Surgical Pathology	1
Pittsburgh PA	Houston TX	Chief, Dental Svc	Prosthetics	4
Johnson City TN[1]	Wood WI	Chief, Dental Svc	Prosthodontics	4
Big Spring TX	Birmingham AL	Chief, Lab Svc	Electronmicroscopy	1
White River Jt VT[1]	Philadelphia PA	Staff Physician	Pulmonary Disease	2
Salem VA	Birmingham AL	Staff Dentist	Prosthetics	4
Seattle WA	Long Beach CA	Staff Dentist	Oral Pathology	4
Spokane WA	Portland OR	Staff Dentist	Hospital Dentistry	4
Walla Walla WA	Salt Lake City UT	Asst Chief, Medical Svc	Gastroscopy	6
Marion IN	Cincinnati OH	Chief, Medical Svc	Cardiology	4
Des Moines IA	Brooklyn NY	Staff Dentist	Oral Surgery	5
Knoxville IA	Topeka KS	Staff Physician	Psychiatry	13
Leavenworth KS[1]	Washington DC[4]	Chief, Oral Surgery	Prosthodontics	3
Leavenworth KS[1]	Washington DC[4]	Oral Pathologist	Oral Pathology	8
Leavenworth KS[1]	Houston TX	Asst Chief, Dental Svc	Prosthodontics	4
Lexington KY	Birmingham AL	Staff Dentist	Prosthetics	4
Alexandria LA	Boston MA	Asst Chief, Medical Svc	Pulmonary Diseases	4
Alexandria LA	Kansas City MO	Staff Dentist	Hospital/Clinical Dentistry	2
Alexandria LA	West Roxbury MA	Staff Physician	Clinical Cardiology	4
Alexandria LA	Boston MA	Staff Physician	Hematology	4
Togus ME[1]	Boston MA	Staff Physician	Kidney Disease & Dialysis	4
Boston MA[2]	Houston TX	Chief, Dental Svc	Maxillo-facial Prost	4
Northampton MA	Boston MA	Staff Dentist	Prosthodontics	4
Northampton MA	Boston MA	Staff Physician	Psychiatry	4
Northampton MA	Boston MA	Staff Dentist	Prosthodontics	4
West Roxbury MA	Buffalo NY	Chief, Dental Svc	Prosthodontics	3
Tuscaloosa AL	Birmingham AL	Staff Physician	Internal Medicine	6
Tuscaloosa AL	Birmingham AL	Staff Physician	Internal Medicine	6

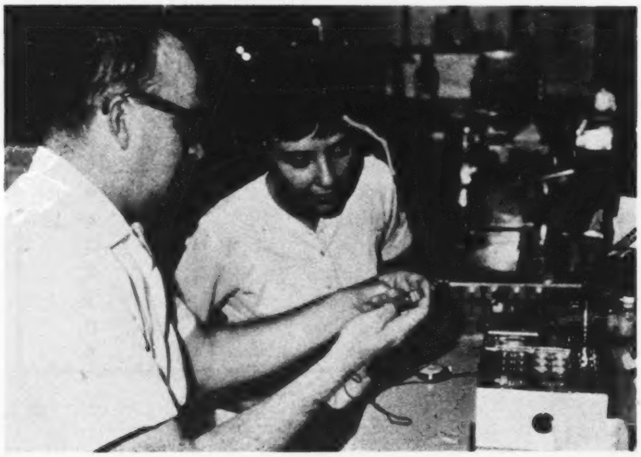
*[1] Center

[2] Outpatient Clinic

[4] Armed Forces Institute of Pathology

VA HOSPITAL AT WHICH		POSITION OF EMPLOYEE	POSTGRADUATE TRAINING	
STATIONED*	TRAINED**		SPECIALTY	PERIOD (WKS)
Tuscaloosa AL	Topeka KS	Staff Physician	Psychiatry	12
Tuskegee AL	Boston MA[3]	Chief, Med Svc	Clinical Nursing	1
Tuskegee AL	Boston MA	Chief, Sub Acute Sect	Hematology	9
Prescott AZ[1]	Long Beach CA	Staff Dentist	Hospital/Clinical Dentistry	4
Prescott AZ[1]	Washington DC[4]	Chief Lab Svc	Musculo-skeletal Research	4
Los Angeles CA[1]	Wadsworth KS	Asst Chief, Dental Svc	Prosthodontics	3
Denver CO	Birmingham AL	Staff Dentist	Prosthetics	3
Washington DC	Wood WI	Staff Dentist	Prosthodontics	4
Bay Pines FL[1]	Washington DC[4]	Chief, Oral Surgery	Oral Pathology	4
Gainesville FL	Leavenworth KS	Asst Chief, Dental Svc	Prosthodontics	3
Dublin GA[1]	Kansas City MO	Asst Chief, Dental Svc	Oral Surgery	4
Dublin GA[1]	Memphis TN	Chief, Orthopedics Sect	Orthopedics	1
Dublin GA[1]	Oteen NC	Chief, Urology SVC	Urology	1
Danville IL	Bronx NY	Staff Physician	Psychiatry	3
Danville IL	Topeka KS	Staff Physician	Psychiatry	13
Beckley WV	Bronx NY	Staff Physician	Hematology	2
Beckley WV	Hines IL	Staff Physician	Endocrinology & HCVD	2
Beckley WV	Hines IL	Chief, Surgical Svc	Vascular Surgery	2
Tomah WI	Boston MA	Actg Chief, Lab Svc	Neuropathology	3

*[1] Center
**[3] Massachusetts General Hospital
[4] Armed Forces Institute of Pathology



9. **Broadcast of Videotapes**

VA Hospital Involved: VAH Sheridan, Wyoming

The VA has entered into an agreement with the Clouds Peak Radio and Television Corporation of Sheridan, Wyoming to broadcast videotapes dealing with medical and nursing subjects over the local cable television station.

Each program is presented several times per week. The subjects have a high degree of relevancy to general diagnostic and therapeutic problems. They are widely viewed by local health professionals and are accepted as an important opportunity for continuing education in the medical and allied health fields.

These programs, directed to the health professionals in the Sheridan community, are obtained through the Medical Media

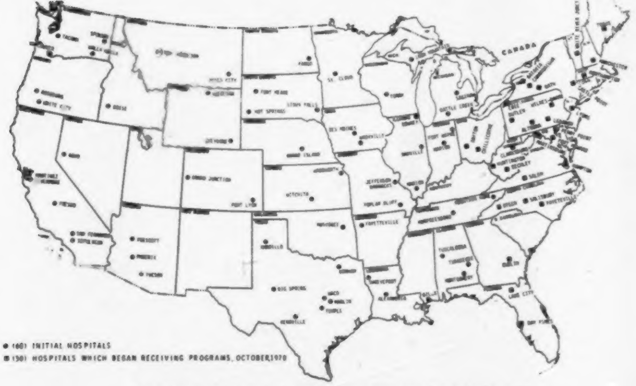
Network of the University of California after careful review by qualified professional personnel to insure accuracy and currency of medical content, satisfactory technical presentation, and suitability for presentation on cable broadcast. This activity is specifically appropriate to one of the aims of the Exchange of Medical Information Act, that is, the provision of medical information to health care workers in communities surrounding VA hospitals and remote from medical teaching centers.

The following are typical titles of programs presented over the Sheridan cable television system:

Coma.
Current Approach to the Hypertensive Patient.
Diagnosis of Vascular Tension.
Hemodynamic Monitoring.
Lymphomas: How Often Fatal?
Management of Organic Headache.
Recent Advances in the Treatment of Malignant Diseases.
The Alcoholic and the Physician.
The Nurse's Challenge in Geriatric Rehabilitation.
The Potential Suicide: Would You Know Him?

10. Cartridged Film-Guest Lecture Program

VA Hospitals Involved: Shown on Map Below.



CARTRIDGED-FILM GUEST LECTURE PROGRAMS

This program was begun in the latter part of FY 1968 with the Medical Television Network (now Medical Media Network) of the University of California. As a pilot program it has gone through various stages of development.

The program now reaches 90 VA hospitals throughout the country, each of which receives 18 programs directed primarily to physicians and nurses and consisting of 8 millimeter cartridge films and three lecturers over a period of 36 weeks. In addition, the Medical Television Network has produced four films for the VA on current topics of major concern:

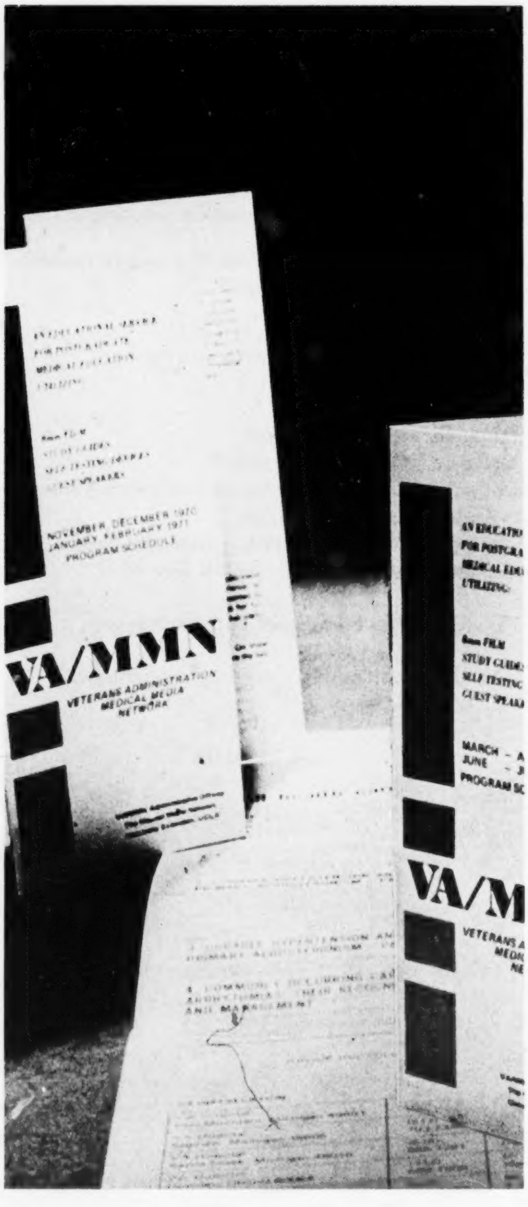
Malpractice—A Report to Physicians.
Hospital Based Home Care.
The Physician's Assistant.
Alcoholism.

The 18 films sent to each participating hospital deal with subjects of current interest to the medical and nursing personnel at each installation and in surrounding communities. The subjects of the live lectures are coordinated with those of the films, thus providing the basis for extended interchange or more formal programs for staff members, guests, and lecturers.

This program has also established a VA-MMN (Veterans Administration—Medical Media Network) library of films on medical and nursing subjects which is available to all of the participating hospitals. The demand for films from the library during FY 1970 was so great as to require doubling its size. Heavy usage of the library continued during FY 1971. Approximately 250 requests from VA hospitals were filled by the library during that year. In order to further insure that this program provides opportunities for active and individualized learning experiences, as opposed to passive viewing of films, comprehensive study guides are prepared for the programs. They include bibliographies for further study, pre- and post-viewing self-administered examinations, outlines of key program points, and other suggestions for more effective utilization of the material presented.

Posters and brochures briefly describing the individual programs are distributed throughout the participating VA hospitals, and to individual staff members, interested local professional organizations, and health personnel in the surrounding community.

STUDY GUIDE
...to accompany the program of:
"THE ALCOHOLIC AND THE PHYSICIAN"
MMN
STUDY GUIDE
...to accompany the program of:
"COMA"
VA/
STUDY GUIDE
...to accompany the program of:
"RECENT ADVANCES IN THE TREATMENT OF MALIGNANT DISEASE"
VA/MMN
STUDY GUI
"THE TRANSIENT ISCHEMIC STROKE"
VA/MM


VA/MMN
VETERANS ADMINISTRATION MEDICAL MEDIA NETWORK
NOVEMBER DECEMBER 1970
JANUARY FEBRUARY 1971
PROGRAM SCHEDULE
AN EDUCATIO
FOR POSTGRA
MEDICAL EDU
UTILIZING:
8mm FILM
STUDY GUIDE
SELF TESTING
GUEST SPEAK
MARCH – A
JUNE – J
PROGRAM SC
VA/M
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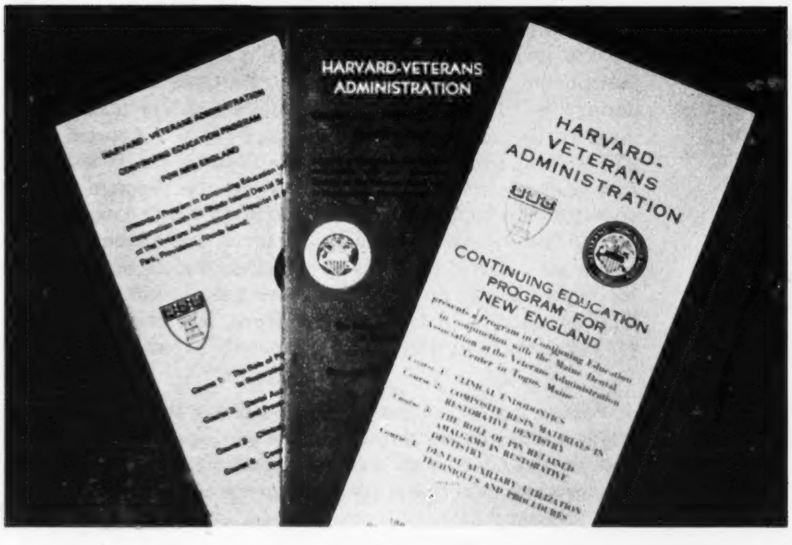

HARVARD-VETERANS ADMINISTRATION
CONTINUING EDUCATION PROGRAM
FOR NEW ENGLAND
HARVARD-VETERANS ADMINISTRATION
HARVARD-VETERANS ADMINISTRATION
CONTINUING EDUCATION PROGRAM FOR NEW ENGLAND
presents a Program in Continuing Education in conjunction with the Maine Dental Association at the Veterans Administration Center at Togus, Maine
Course 1. CLINICAL ENDODONTICS
Course 2. COMPOSITE RESIN MATERIALS IN RESTORATIVE DENTISTRY
Course 3. THE ROLE OF PIN RETAINED AMALGAMS IN RESTORATIVE DENTISTRY
Course 4. DENTAL AUXILIARY UTILIZATION TECHNIQUES AND PROCEDURES

The interest in this program on the part of the VA hospital staff and community medical personnel has been extensive. The number of individual viewings of the cartridged films for the 1971 program was approximately 158,000.

Cartridged Film-Guest Lecture Program—Selected Titles

Allergy Report.
Ancillary Methods in the Diagnosis of Stroke.
Commonly Occurring Cardiac Arrhythmias: Their Recognition and Management.
Curable Hypertension and Primary Aldosteronism.
Current Approach to the Hypertensive Patient.
Environmental Effects of Cardiac Arrest.
Epidural Anesthesia.
Extended Care: A Step Toward Recovery.
Learning to Breathe Again: Nursing Care of the Emphysema Patient.
Lymphomas: How Often Fatal?
Not Me! The Nursing Process in Cancer Care.
Placebos.
Positioning the Stroke Patient.
Recent Advances in the Treatment of Malignant Disease.
Rheumatoid Arthritis.
The Nurse's Challenge in Geriatric Rehabilitation.
The Transient Ischemic Stroke.
Venereal Diseases.

11. Closed Circuit Television

VA Hospitals Involved:
- VAH Martinez, California
- VAH San Francisco, California
- VAH Buffalo, New York
- VAH Cincinnati, Ohio
- VAH Columbia, South Carolina
- VAC Temple, Texas

In keeping with the intent of the Exchange of Medical Information legislation, the VA is developing on a pilot basis, the utilization of electronic links, that is, closed circuit television, as an important medium through which medical information and education can be shared within an institution, as well as across many miles which frequently separate teaching institutions from VA and community hospitals.

The effect which the utilization of closed circuit television can have upon patient care ranges from the transmission of the latest medical information, to instantaneous consultations by distant specialists concerning current treatment problems, and includes utilization in other clinical situations, such as the continuous remote monitoring of coronary care patients.

In FY 1971, core television systems were authorized at VA Hospital San Francisco and VA Hospital Buffalo. Each of these systems will eventually be the hub of a closed circuit television network which will include VA hospitals located remote from these medical teaching centers.

The coordination of these EMI programs with the new plans for regionalization within the VA will promote the mutual goal of both activities: the improvement in the delivery and quality of health care available throughout the system.

12. Collaborative Dental Program

VA Hospitals Involved:
- VAC Togus, Maine
- VAH Northampton, Massachusetts
- VAH Manchester, New Hampshire
- VAH Providence, Rhode Island
- VAC White River Junction, Vermont

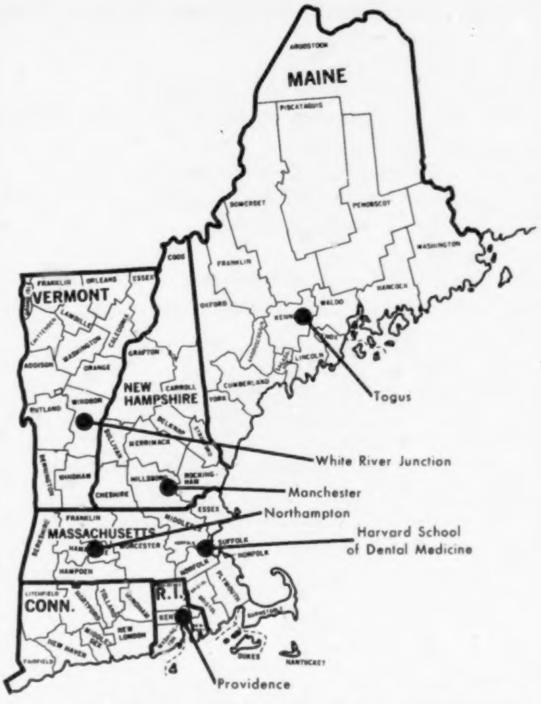
A collaborative dental program for continuing education was begun in March 1970. It involves development of a network of centers for the continuing education of dentists at five VA hospitals in New England where, under the sponsorship of and in close affiliation with the Harvard School of Dental Medicine, educational opportunities are offered to the dentists on the staffs of these VA hospitals and to dentists of surrounding communities.

The first operational phase of the program has been to offer instructional and participative courses at the Harvard School of Dental Medicine on a one-day-a-week basis to a selected dentist from each of the participating VA hospitals. The curricula are based on the expressed needs, desires, and professional competence of the individuals. They include advances in dental treatment and technology such as four-handed dentistry. The courses are in planned sequence depending on the progress and abilities of the participants.

As the program has progressed, intra-VA hospital teaching has been instituted with the attendance of community dentists being invited. VA dentists are involved in the teaching and administration of the program. Faculty members of the Harvard School of Dental Medicine serve in a preceptorial capacity on a prearranged visiting schedule. As of April 1, 1971, nine VA dentists had received faculty appointments.

During FY 1971 the following courses were offered at the VA hospitals at Togus, Maine, Northampton, Massachusetts, and Providence, Rhode Island:

Clinical Endodontics.
Composite Resin Materials in Restorative Dentistry.
Role of Pin Retained Amalgams in Restorative Dentistry.
Dental Auxiliary Utilization Techniques and Procedures.



COLLABORATIVE DENTAL PROGRAM

13. **Demonstration Project for Educationally Focused Field Experience Units in Social Work**

VA Hospitals Involved:
  VAH Minneapolis, Minnesota
  VAH New York, New York
  VAH Salisbury, North Carolina
  VAH American Lake, Washington

This project, conducted through the facilities of the Council on Social Work Education, was begun in FY 1969 for the purpose of demonstrating that soundly developed field experience programs for undergraduate social welfare students can make an important contribution to the social work manpower pool.

Specifically, it has resulted in the development of demonstration training units at the four VA hospitals listed above. Each of the four training units has developed a different model of a field experience related to the background of the students and their academic program. The project is examining ways in which a planned curriculum of field experience contributes to a relevant undergraduate educational program and is attempting to assess the implications of such educational programs for later on-the-job performance.

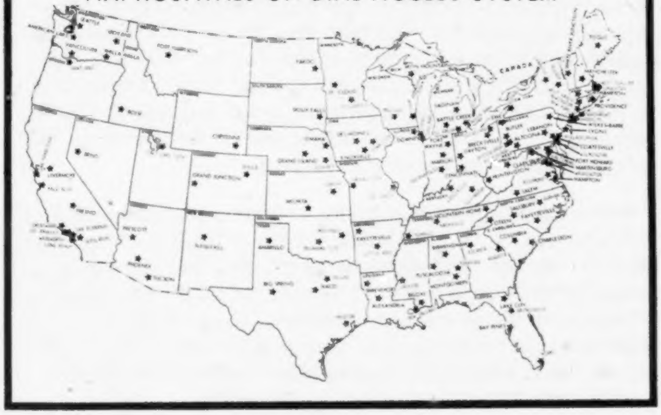
The results of this project will be presented in two volumes titled "Curriculum Guides for Undergraduate Field Instruction Programs" and "Undergraduate Field Instruction Programs; Current Issues and Predications."

The findings of this project will have an important bearing on the effective utilization of this shortage-category type of personnel in the VA.

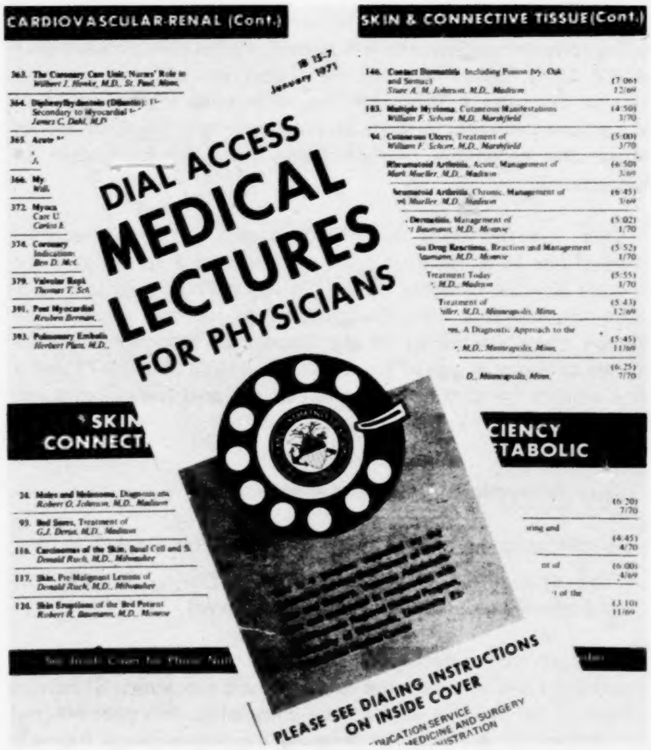
14. Dial Access for Physicians

VA Hospitals Involved: Shown on Map Below

V.A. HOSPITALS ON DIAL ACCESS SYSTEM



This program makes available to all VA physicians, located at the 127 VA hospitals served by the Federal Telecommunications System, a series of over 400 lectures on medical subjects. This "Dial Access System" is available 24 hours per day, 7 days each week and is activated by dialing one number from any FTS location in the United States. The caller merely asks by code number for the lecture listed in the dial access catalog on a particular subject of interest to him The catalog is available to all VA physicians.



CARDIOVASCULAR-RENAL (Cont.)

SKIN & CONNECTIVE TISSUE (Cont.)

IB 15-7
January 1971

DIAL ACCESS
MEDICAL
LECTURES
FOR PHYSICIANS

PLEASE SEE DIALING INSTRUCTIONS
ON INSIDE COVER

During FY 1971 VA physicians made an average of 451 calls per month into the Dial Access System.

This program includes an evaluation of user satisfaction as determined by responses on a return postcard sent to each caller.

15. **Holography.** The invention of lasers in recent years has enabled scientists to create three-dimensional, high resolution photographs called holograms. The differential hologram shows microscopic changes and growth patterns in living organisms without disturbing them. This, and other unique capabilities of holography create a new technique of unexplored potential for medical research and education, the results of which may have direct application to increased effectiveness in patient care on a nationwide basis.

In order to disseminate knowledge of the technique of holography throughout the VA system, a pilot project was begun in FY 1970, which included the production of an educational film on this subject. This color film, with sound and animation, is of particular interest in those areas remote from teaching centers where the potentials of holography may not be known or appreciated.

This film has been recognized as one of the exceptional productions in its field. It has been awarded First Prize in the Natural Science category of the Biological Photographic Association International Film Competition. It has also received the Golden Eagle Certificate of the Council on International Nontheatrical events as one of the outstanding films of 1970-71 and is thus eligible for further honors at international festival competitions abroad.

16. Instructional Resource Center

VA Hospital Involved: VAH Chicago (West Side), Illinois

This project was begun in FY 1970. During FY 1971 the Instructional Resource Center formally opened.

Background material, personnel recruitment, purchase of equipment and instructional software, and renovation of existing rooms in the medical library were completed. As a pilot program in educational information systems, the Instructional Resource Center is primarily designed for self-instructional media to be used by all levels of professional personnel, including residents, interns, students, nurses, medical and dental staff, and allied health and administrative staff trainees.

Through the establishment of such centers serving as the core of informational exchange, remotely located institutions can more effectively be brought into the orbit of teaching institutions. The Instructional Resource Center can serve as the locus at which personnel from outlying institutions may avail themselves of the latest knowledge through the most effective media available for the dissemination of information. The substantive material that is obtained can then be taken back to the non-affiliated institutions for application in the delivery of health services.

The Instructional Resource Center, to be successful, demands innovation and exploration demonstrated tangibly in a model program. More than a resource supply service for teachers and lecturers, the Center serves as a focal point for learning that occurs outside the classroom and beyond the person-to-person mode.

One room in the library at VA Hospital, Chicago (West Side) has been altered by the installation of a 12-carrel learning unit. This unit houses a complete line of audiovisual equipment including rear projection screens, flush-mounted tape recorders, slide projectors, film strip projectors, and video monitors. Two adjoining rooms have been converted into a room for small group discussions and a control room for closed circuit TV which can also serve as a workroom. Video cable has been installed from the Instructional Resource Center to one of the surgical operating rooms, the auditorium, and classrooms on the Nursing, Medical, and Surgical Services. The entire video system at the VA hospital is connected to the educational video system at the University of Illinois. Further expansion includes: 1) a cable hook-up permitting two-way transmission of both tape and live black-and-white presentations to all VA hospital conference rooms as well as the main room of the Instructional Resource Center, 2) the use of all available motion pictures, film strips, video and sound tapes by Instructional Resource Center users; and 3) the use of a small scale, in-house, videotape production unit.

Numerous educational software materials have been purchased and cataloged. In the main, these consist of more than 100 short films on medical and dental subjects, over 75 film strips on nursing subjects, a number of lectures on audio tape covering subjects in medicine and general surgery, an extensive number of videotapes on all subjects, and more than 24 sets of 35mm slide lectures and sound-slide synchronized lectures. Programmed learning texts, where applicable, are also included.

To assist users and coordinate day-to-day activities, a Visual Educational Specialist is on duty at the center. He locates learning materials and forwards them to all interested individuals, arranges for previewing materials, acts on requests for purchase of materials, and certifies that compatible equipment is available. He has been completely responsible for cataloging, labeling, and use of all materials. He also edits and distributes a monthly newsletter called the "EYEBALL."

Overall, the initial response to the opening of the Instructional Resource Center has been overwhelming. Daily, more and more individuals are using the Center for self-instructional purposes, since it provides in a single location information in many general and specific areas available quickly on demand. Trial of this technique in other locations is planned.

17. **Physician's Assistants in Radiology**

VA Hospital Involved: VAH Durham, North Carolina

The hypothesis of this pilot program is that selected radiologic technologists can be trained as physician's assistants in radiology, to assume some of the time-consuming duties of radiologists without decreasing the quality of medical care. This project entails the development of a curriculum suitable for the training of large numbers of such individuals insofar as they are proven effective and acceptable to other members of the medical specialty.

Following development of the curriculum, three trainees (two radiologic technologists and one physician's assistant trainee) began their training early in FY 1971. Following completion of the core curriculum the trainees were given detailed instruction in radiation physics, radiation biology, radiation protection, nuclear medicine, and pharmacology of radiographic contrast materials.

Clinical training has been in the areas of gastrointestinal fluoroscopy and the injection of radiographic contrast materials for uroradiology, intravenous cholangiography, and sinus tract visualization. The trainees have also been taught to fluoroscope for myelography and perform other techniques customarily requiring the services of the radiologist. They have also spent time in the emergency room, to become familiar with acute traumatic radiographic situations. A 2-month rotation has been provided in the field of vascular radiology in which the trainees have become well-trained first assistants in vascular procedures. A considerable amount of time is spent in teaching them the normal anatomy of the gastrointestinal system, genitourinary system, and the chest. Detailed roentgen anatomy of the osseous system has also been emphasized.

The three trainees completed their clinical training in March 1971. Evaluation began the following month.

Preliminary findings appear to demonstrate definite benefits realized in patient care. These physician's assistants are able to assume many of the time consuming duties of radiologists without decreasing the quality of patient care.

If the early indications are borne out on complete evaluation, the implications are great for those hospitals where radiologists are in short supply. In addition, it may be possible in the near future to connect outlying hospitals with a central regional hospital by direct video linkage, with the physician's assistant performing radiological tasks at the remote hospital under the audio and video supervision of a radiologist some miles away.

18. **Single Concept Films in Dentistry**

VA Hospital Involved: All

In FY 1971 the Dental Training Center of the VA located at VA Hospital Washington, D.C. under the direction of Harold H. Niebel, D.D.S., produced and distributed short single-subject films on a large variety of subjects of concern to the dental profession.

The single concept film presented in the cartridged format is particularly effective as a teaching instrument at hospitals that are remote from urban areas and medical centers. In addition, the single concept film presented in cartridges is an effective teaching device for both an individual and for small groups.

During FY 1971 the Dental Training Center produced 28 new films and had 42 under production at the close of the year.

Including productions completed in past years there are now

144 single concept films available in the following general subject areas in dentistry:

Anatomy	12
Complete dentures	6
Diagnosis	9
Endodontics	5
Fixed partial dentures	10
Occlusion	14
Operative	11
Oral hygiene	1
Oral surgery	22
Patient education	4
Periodontics	26
Prosthodontics	5
Radiology	7
Removable partial dentures	12

Dental educators from the following schools of dentistry have participated as subject matter experts in the development of these films:

University of Alabama
Georgetown University
Howard University
University of Illinois
University of Indiana
Loyola University
Marquette University
University of Michigan
University of Pennsylvania
University of Pittsburgh
University of Southern Calif.
Vanderbilt University
Washington University of St. Louis

During FY 1971, 1,538 cartridged films were distributed to 50 VA hospitals and one outpatient clinic, as follows:

Station	Provided FY 1971
ALABAMA	
VAH Birmingham	70
VAH Tuscaloosa	35
ARIZONA	
VAH Tucson	25
CALIFORNIA	
VAH Los Angeles (Extended Care)	25
COLORADO	
VAH Grand Junction	25
CONNECTICUT	
VAH Newington	25
DELAWARE	
VAC Wilmington	25
GEORGIA	
VAH Atlanta	25
INDIANA	
VAH Fort Wayne	25
ILLINOIS	
VAH Chicago (West Side)	25
VAH Danville	77
IOWA	
VAH Iowa City	48
KANSAS	
VAC Wichita	28
LOUISIANA	
VAH Alexandria	21
VAH New Orleans	25
MASSACHUSETTS	
VAH Bedford	80
VAH Boston	25
VAH Brockton	25
VAH Northampton	25
VAH West Roxbury	32
MICHIGAN	
VAH Allen Park	65
MISSOURI	
VAH Columbia	25
MONTANA	
VAH Fort Harrison	25
NEBRASKA	
VAH Lincoln	25
NEW MEXICO	
VAH Albuquerque	22
NEW YORK	
VAH Albany	16
VAC Bath	17
VAH Bronx	25
VAH Brooklyn	76
VAOPC Brooklyn	25
VAH Montrose	25
VAH Northport	25
NORTH CAROLINA	
VAH Fayetteville	25
VAH Oteen	21
NORTH DAKOTA	
VAC Fargo	25
PENNSYLVANIA	
VAH Coatesville	25
VAH Philadelphia	25
VAH Pittsburgh (Leech Farm Road)	25
PUERTO RICO	
VAC San Juan	9
SOUTH DAKOTA	
VAC Hot Springs	25
VAC Sioux Falls	25
TEXAS	
VAH Big Spring	25
VAH Kerrville	25
VAH Marlin	25
VAH Waco	48
UTAH	
VAH Salt Lake City	25
VIRGINIA	
VAH Salem	36
WASHINGTON	
VAH American Lake	25
VAH Walla Walla	25
WEST VIRGINIA	
VAH Beckley	22
VAH Huntington	19

In furtherance of one intent of the Exchange of Medical Information legislation, the American Dental Association Film Library has also been provided with a stock of the films produced by the VA Dental Training Center in the 16 millimeter format. In addition, these films have been made available to Professional Research, Inc., and that organization, in turn, is making them available to the dental profession on a rental basis in the 8mm format.

This project which was begun in FY 1970, has as its goal, strengthening the abilities of respiratory physiologists and chest physicians to deal with problems in respiration.

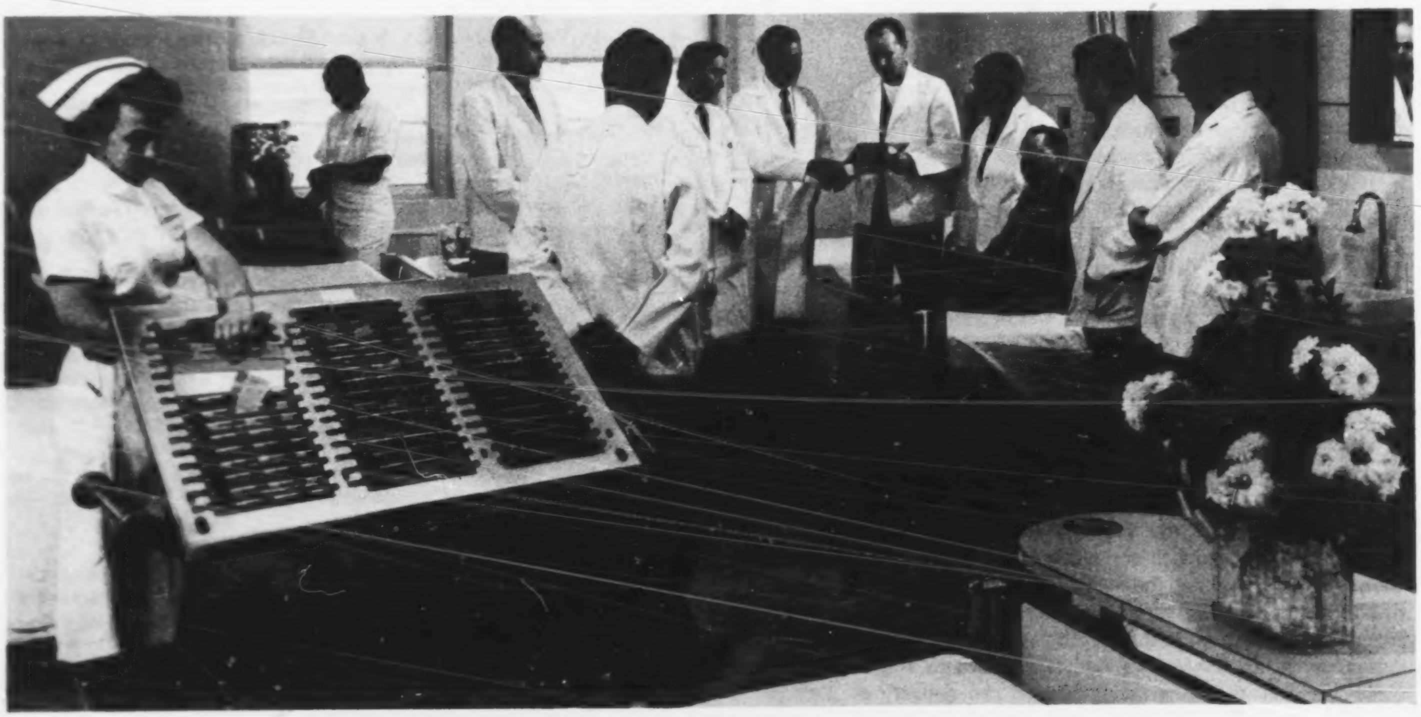
19. Solutions to Problems in Respiration

VA Hospital Involved: VAH Los Angeles (Wadsworth), California

The typical physician so engaged has applied mathematics only sporadically to medicine. This project, therefore, involves the development of a syllabus and text designed to provide systematic instruction in principles of measurement and calculation which can be applied to problems in respiration. It will provide a unique tool which will demonstrate how simple and progressively more difficult mathematical techniques can be used to solve actual problems in respiratory disease.

During FY 1970 the classical articles in the field of respiration were compiled, reviewed for mathematical content, and cross-indexed. The compilation was mailed to various investigators.

The investigators were invited to participate in critical development of the syllabus "Mathematical Preparation for the Student of Respiration." In addition, essays on pure mathematics relative



to this project were critically reviewed. Agreement was reached on choices of symbols, terminology, and alternative proofs of mathematical theorems.

In FY 1971 the first two chapters of the text, "Powers of Ten" and "Logarithms," were finished and a complete table of contents was agreed upon.

In addition, material was gathered and organized for the balance of the text and work was begun on the chapter on exponential functions.

Thirty-one investigators have agreed to participate in the balance of this project involving critical development of the syllabus.

20. Utilization of Surgeon's Assistants for Modification of Health Delivery Systems.

VA Hospitals Involved:
- VAH Birmingham, Alabama
- VAH, Montgomery, Alabama
- VAH, Tuscaloosa, Alabama
- VAH, Tuskegee, Alabama

It can be anticipated that the need for health services will continue to grow and that those areas that are remote from medical teaching centers will reflect this need most acutely. Many have recognized the necessity for extending the physicians' capabilities to deliver more health care without impairing the quality of these services. One means of doing this is through the training of allied health personnel who can relieve physicians and surgeons of routine duties. Training programs must, however, be developed carefully based upon sound research.

With this in mind the VA entered into a contract with the University of Alabama to conduct a pilot program to document those factors affecting the delivery of surgical services and to make comparisons of surgical services conducted in the traditional manner and with use of surgical auxiliaries. This involves evaluation of the Surgeon's Assistant programs and the use of other ancillary personnel in improving the delivery of surgical services, including the implication of utilization of auxiliaries in hospitals remote from medical teaching centers.

The project is divided into three phases as follows:

1. Methodological design.
2. Measurement and data collection.
3. Data analysis and interpretation.

The first two phases were completed in FY 1970 and 1971. Data reduction and the final report and findings will be presented in FY 1972.

The results of this study may, in large measure, determine the types of utilization of Surgeon's Assistants and other ancillary surgical personnel that will occur in the peripheral hospitals of the VA.

Future Projections. On August 6, 1971, the President signed Public Law 92-69 authorizing continued support of the Exchange of Medical Information program through FY 1975.

This opens the way for the continued development of programs which have been initiated, and for the exploration of still newer methods of delivering medical information so as to provide every opportunity for the most up-to-date medical care for the veteran patient at even the most remote VA hospital.

A few examples are cited below with reference to some plans for programs which were underway during FY 1971.

The program of educational enrichment being conducted at VA Hospital Muskogee, Oklahoma will be further expanded in FY 1972 by establishing programs at the Muskogee hospital in conjunction with the University of Oklahoma School of Dentistry. By October 1971, a pilot project in the training and utilization of dental associates will be initiated. Eventually dental students, interns, and residents will rotate through the Muskogee service.

It is also planned to establish a Radiology Associate program at VA Hospital Oklahoma City, in late 1971. The Department of Radiology at the medical center will then be in a position to participate in the Exchange of Medical Information Program and subsequently to assist in expansion of services at the VA hospital Muskogee.

By FY 1973, it is planned that Physician's Assistants programs will be established at Muskogee in psychiatry and pathology.

As part of the Cartridged Film Guest Lecture program six films commissioned by the Department of Medicine and Surgery of the VA, will be produced in FY 1972. The subjects are as follows:

Methadone Therapy.
Uses of Antibiotics.
The Neurological Examination.
Parasitology and the Returning Veteran.
Indications for Implantation of Cardiac Pacemakers.
Treatment of Complicated Liver Disease.

Plans for FY 1972 for the Center for Continuing Education centered at VA Hospital Salt Lake City, and the University of Utah College of Medicine call for development of detailed and specific continuing education and training plans by the concerned hospitals (Grand Junction, Colorado; Sheridan, Wyoming; Fort Harrison, Montana; Boise, Idaho; Reno, Nevada) in conjunction with the Center in Salt Lake City.

In addition, a learning center for conducting workshops, assessing educational material, and developing new methods for conducting teaching programs is being planned for VA Hospital Salt Lake City.

It is planned to develop mechanisms for inventory and acquisition of existing instructional aids and develop new ones to meet documented needs for teaching health care personnel.

Although it is not possible to determine in advance all of the new programs which will be considered, listed below are a few of the typical ones which are presently under consideration.

1. Closed circuit color television in endoscopy.

2. Computer-based fluid and electrolyte consultation service.

3. Nuclear medicine scanning and communications system.

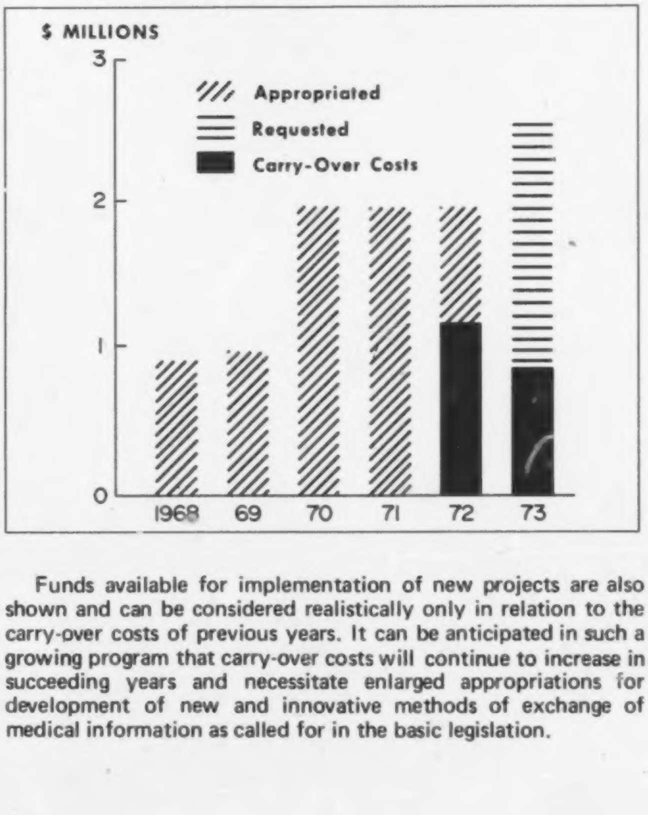
Additional possibilities in the use of computer-based information exchange systems will be investigated. The future use of satellites will be considered with the purpose of determining the practicality of such endeavors relative to the VA Exchange of Medical Information program. Continued development in innovative uses of closed circuit television will also be studied.

The Exchange of Medical Information program must, by its very nature, remain a dynamic program, constantly seeking new means for improvement in the delivery of health services.

Budget. The figure below indicates the funds provided for the Exchange of Medical Information program since its inception.

In each year the funds have been fully expended for the development and operation of innovative pilot activities in keeping with the intent of the enabling legislation.

EXCHANGE OF MEDICAL INFORMATION



Funds available for implementation of new projects are also shown and can be considered realistically only in relation to the carry-over costs of previous years. It can be anticipated in such a growing program that carry-over costs will continue to increase in succeeding years and necessitate enlarged appropriations for development of new and innovative methods of exchange of medical information as called for in the basic legislation.

medical illustration

H. Paul Newman
Chief, Medical Illustration

Introduction. A Medical Illustration Service is an organizational unit of a VA hospital equipped, staffed and designated to provide facilities to produce or otherwise furnish all types and modalities of audio and visual aids required for medical care, professional education, allied health training, and medical research. Audio and visual aids include drawings, paintings, montages, models, charts, graphs, still photographs and motion pictures in monochrome and full color, sound and video recordings, projectuals, and similar materials used as individual items or as collections for teaching, record, study, publication, documentation and exhibition.

From its inception, following the WWII reorganization of DM&S the VA Medical Illustration program has occupied a position at the very leading edge of a nationwide concern to improve teaching and learning experiences through audio and visual reinforcement. Its technical practices, organizational structure, and philosophies of relationship to the overall teaching effort formed the basis for model operations upon which have been patterned most of the modern medical art and photographic departments in the U.S. and Canada.

Except for a brief period between 1963 and 1968 when this program was assigned to the Office of Professional Services for various fiscal reasons, Medical Illustration has functioned as a staff arm to the Education Service in Central Office. In addition to this Central Office liaison and advisory function for audio visual and professional communication matters, the Medical Illustration staff has direct line responsibility for program policy, operations, plans, and training for Medical Illustration Services in the field.

Organizationally placed in professional service channels to assure equal access by all professional staff elements, the Chief, Medical Illustration Service is responsible to his Chief of Staff for all medical illustration activities at his hospital. Staff, space, and funding allocations are made on the basis of the need for production of various audio-visual items which may range from single photographs or line drawings for a patient's case folder to complex multi-media presentations for group instruction.

Highlights. During FY 1971, there were 228 full-time and 32 part-time employees assigned to Medical Illustration Service in 89 VA hospitals. They produced more than 1,375,000 individual workpieces such as drawings and photographs for publication, and color slides for projection. Many of these were collated into teaching sets, were used as pilot series for motion picture production, or became parts of scientific exhibit presentations. Approximately 220,000 feet of motion picture film were exposed and ultimately edited into finished productions. More than 3,600 hours of real time television programming were scheduled, of which 1,935 hours were taped for library or delayed distribution use. More than 1,254 hours of pre-taped programs from various VA hospitals or non-VA subscription sources were placed on closed circuit line or otherwise made available to viewers throughout the system. At VAC Wood, Wisconsin, the Milwaukee Regional network, of which the VA hospital is the central distribution point, aired 390 hours to an estimated 7,000 viewers in a 10-mile radius.

Of the 89 designated Medical Illustration Services, 39 were minimal units with one full time photographer who worked alone or with only part time clerical or technical assistance. There were 30 units staffed with two photographers, and 20 with three or more. Thirty-seven had full time clerical assistance in addition. Seven units were headed by medical artists, the rest of the Chiefs were medical photographers. In eight Medical Illustration Services, television and related activities were sufficient to justify 12 personnel with primary responsibilities in audio visual presentation or technical electronics.

Because audio-visual communications is a dynamic technology subject to constant changes in equipment, methods and media, the continuing education of its practitioners is essential. In addition to refresher training available through professional organization channels, two special VA short courses were conducted during the year. Designed to answer specific needs in two major technical areas, photomicrography and single concept motion picture production, large portions of course time were devoted to hands-on learning experiences with high instructor-student ratios. The photomicrography seminar, a 5-day summer course for ten students at Rochester Institute of Technology, was taught by the faculty of its College of Graphic Arts and Photography. The course on single concept films attended by fifteen persons was planned by the film production facility of the VA's Dental Training Center at VAH Washington, D.C., in cooperation with Walter Reed Army Institute of Research where the sessions were held. In each case, course content was specified by the Medical Illustration Staff at Central Office. Students were selected from candidates who were nominated by Hospital Directors on the basis of their need for training in these specialized areas. Both courses were judged to be highly successful and demonstrated the usefulness and complementary advantages of intra-VA and extra-VA training resources.

Three summer internships in Medical Illustration were made available to qualified students who were enrolled in photographic courses at Rochester Insitute of Technology. Beginning in June, these appointments were for 75-day periods planned to provide young trainees with broad experience in medical illustration functions while exposing them to the attractions of a career in the VA. Locations for these internships were selected with several factors in mind. The scope of the illustration program, the character and interest of the professional staff in the use of audio-visual support of their teaching programs, and the ability of the medical illustration staff to provide a meaningful and relevant technical exposure were considered to be most important. Accordingly, VA Hospitals Durham, Los Angeles, and Pittsburgh were each authorized one intern, who in turn was required to meet certain qualifications previously specified through joint agreement. Both the Institute and the hospitals have filed highly favorable reports; and the interns themselves contributed input which will be valuable in structuring the program already being planned for the summer of 1972.

For medical photographic personnel, a reliable index of one aspect of performance is available. The print and transparency exhibition at annual meetings of the Biological Photographic Association provides an excellent showcase which accurately reflects the level of craftsmanship and technical excellence throughout the profession. As in previous years, VA biophotographers were well represented and many received awards for the high quality of their submissions. The prestigious Medical Education Award sponsored by Postgraduate Medicine for the illustration in each class judged to have the best teaching value was won in the color transparency class by the entry of the Chief, Medical Illustration Service at VAH Perry Point. Two other first place certificates also went to entries from this laboratory. VAH Palo Alto, and VAH Pittsburgh each won first place awards for submissions in the clinical color and photomicrographic classes. VAH Coatesville had two entries accepted, one of which received an honorable mention in the color print class. First honors for surgical motion pictures went to VAH San Francisco while VAH Seattle was awarded an honorable mention.

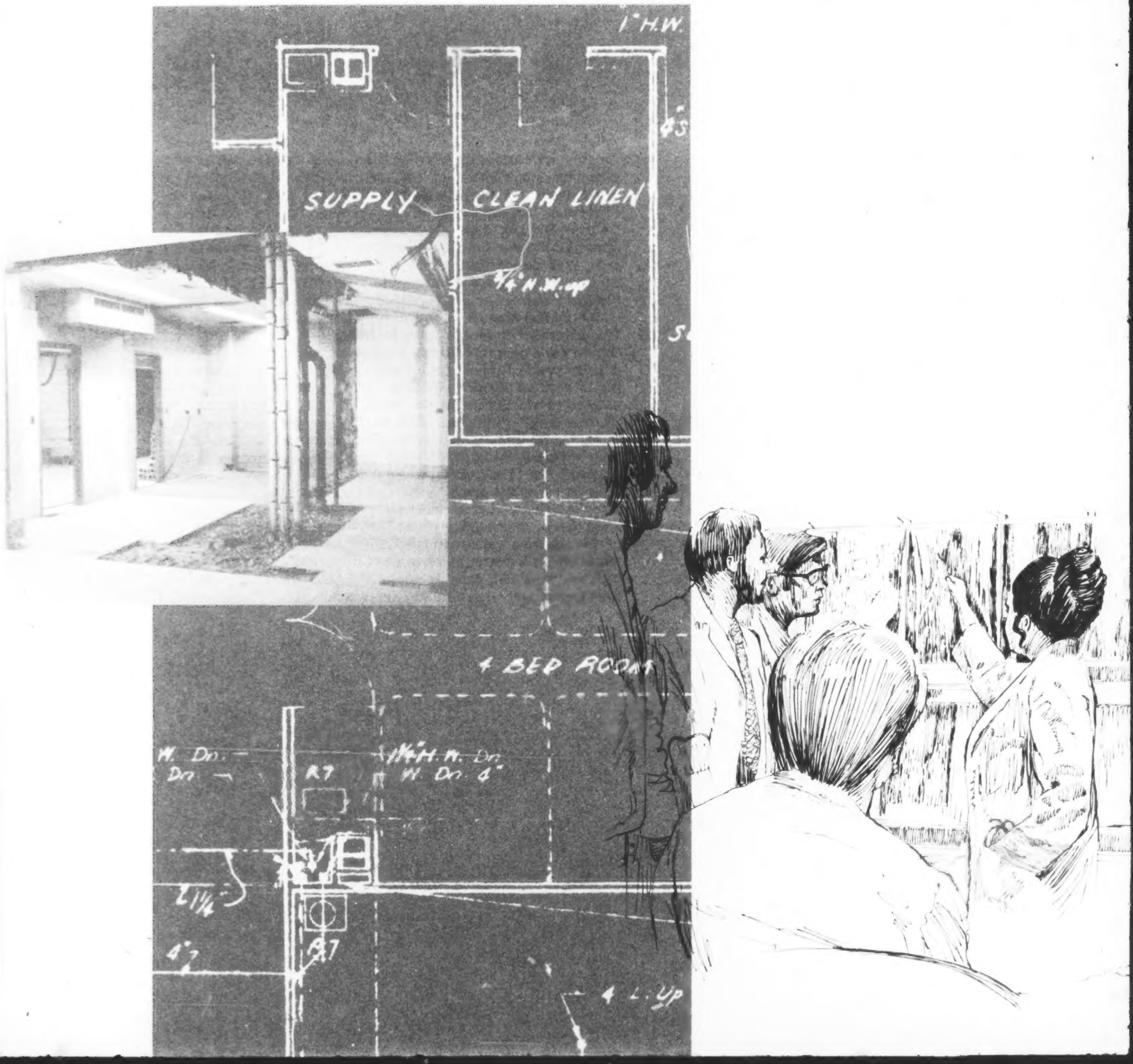
Biennial conferences are scheduled to keep administrative abilities abreast of technical excellence. Planned on the four region basis, this timing assures that each chief will attend one such meeting every other year. Accordingly, two such conferences were held in FY 1971, the midwestern Region 3 meeting in Chicago and the south central Region 2 meeting at Memphis.

The scientific exhibit is a multi-media technique for the presentation of information. It requires the coordinated integration of a wide variety of visual and aural devices to translate a complex idea into a form which may be quickly and accurately comprehended. Within the limitations imposed by bulk and relative immobility, the value of the scientific exhibit as a teaching device has been firmly established. They have become a valuable feature and a major attraction at many annual scientific meetings and conventions. As such, an exhibit is a potent tool for the display of current policies and practices, and is highly reflective of the goals of VA medicine to various medical specialty groups as well as to the scientific community at large. In FY 1971, 59 new scientific exhibits were produced by medical illustration services at VA hospitals throughout the country. Eleven new scientific exhibits were produced for DM&S by Audio Visuals Service in Central Office. During the fiscal year, 137 separate exhibit showings were recorded.

The advantages of a motion picture are obvious. Its use to capture and convey the informational content of dynamic or serial situations is particularly effective when a film can be packaged in a way which will make it simple to handle and convenient to transport. The advent of cartridge-loading projectors and the standardization of format lent great impetus to the acceptance of the single concept film as a medium for self-paced learning. A large number of these materials were represented in the 86 new titles produced by VA in FY 1971. During that same period, there were 255 separate showings of scientific or medical films at various regional and national meetings. Local meetings or intramural showings were not included in the usage reports.

Central Office Medical Illustration staff directed the production of three major teaching films. *Below-Knee Amputation, Part I - The Operative Procedure* was cited for merit at the 18th annual meeting of the Association of Military Surgeons of the United States, and at the 41st Annual Meeting of the Biological Photographic Association. Part II of this series which discusses the rehabilitation of these patients is ready for release and a third part is being planned for completion during the next fiscal year. *Holography - Window to the Future* is a comprehensive overview of this new modality of laser technology with emphasis on its potential in research and clinical medicine. The film received the Golden Eagle, a citation awarded by the Council on International Non-theatrical Events to motion pictures adjudged to be worthy of representing the United States in international film competition. It was also honored by the Biological Photographic Association who awarded it first prize in the Natural Science category.

The Medical Illustration Staff in Central Office made 27 technical and administrative visits to VA hospitals during FY 1971. In most instances, these were made to evaluate existing programs or to resolve staffing and functional problems on request of the hospital director. Several visits were made for planning the activation of facilities at new hospitals or those which previously did not have Medical Illustration services. Among the responsibilities which required the personal attendance and involvement of the Medical Illustration Staff were membership on the Interagency Board of U.S. Civil Service Examiners; Chairmanship of the Federal Agency Council on Medical Training Aids; Co-chairmanship of the Committee on Scientific Exhibit for the Association of Military Surgeons of the U.S., and designation as Executive Secretary of the Medical Audio Visuals Advisory Committee. In May 1971, Chapter 8, *Medical Illustration*, was published for incorporation into Part II of VA DM&S Manual, M-3, *Research and Education in Medicine.* This document prescribes policy and basic procedures for the establishment and operation of the program. It has been one of the top priority goals of the fiscal year and its publication is regarded as a major accomplishment. In June 1971, as another step in the planned reinforcement of this program, the position of Assistant Chief was authorized and filled. With his primary responsibilities in field operations, plans, and training, many programs which had been deferred in favor of more immediate concerns are being accomplished. The growing awareness of the need for audio-visual enrichment of the teaching-learning experience has demonstrably increased the workload. New technologies demand a continuing reevaluation of the place of Medical Illustration as a component of the learning resources production facility. This in turn has increased staff responsiblity to assist personnel and reinforce field facilities to remain equal to the challenge of producing materials which adequately meet the spiraling need.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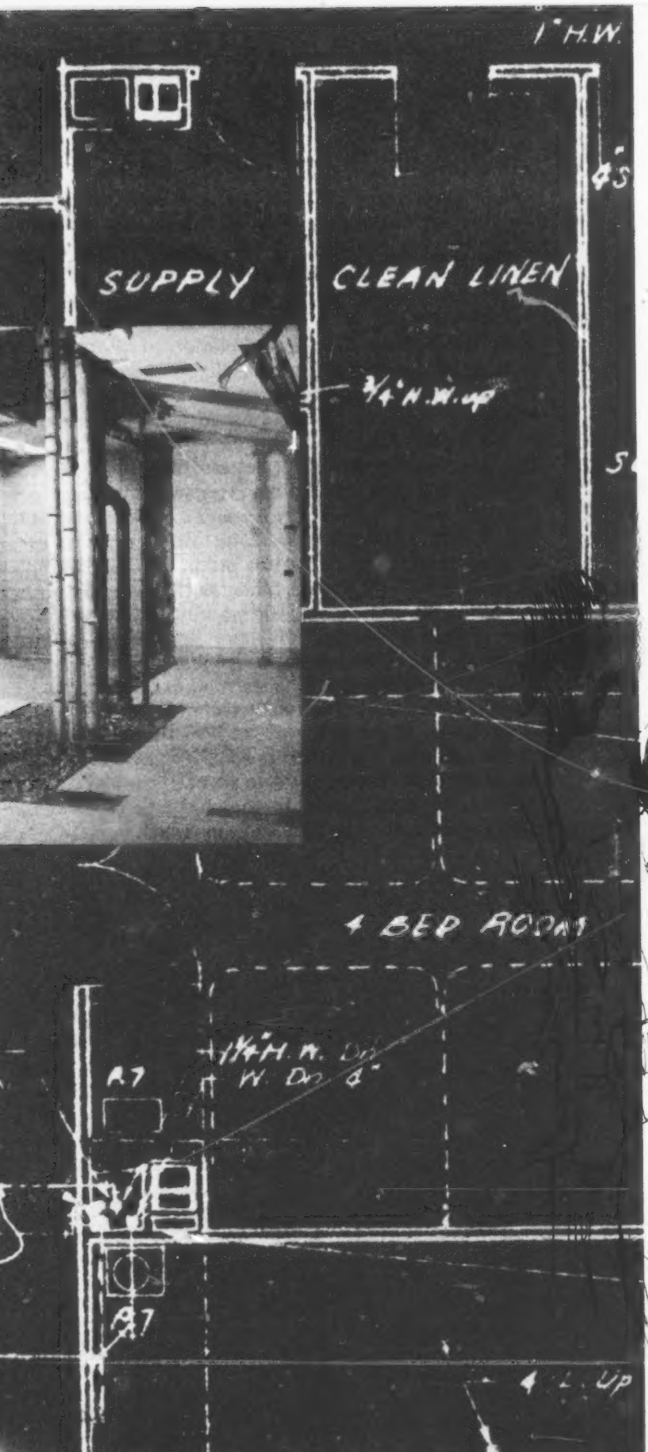
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education space

History. Before there was legal recognition of the VA's mission to train professional and allied health personnel, suitable teaching facilities in VA hospitals were scarce. Typically, house staff and medical students were crowded into a small room which adjoined the nurses station and provided office space for one full time physician on each ward. Consultations were held in hallways and the professional services competed with each other to meet in small groups in a single conference room. The provision of adequate space for its varied education and training programs is still a major challenge to the agency.

The VA was not alone in neglecting the educational space needs of hospitals. Because of the demand for hospital beds and expanding clinical facilities, it was even unusual for university hospitals to afford the luxury of adequate education space. However, by 1964, planning for new VA hospitals included small allocations of space for offices and interviewing rooms for house staff and medical students. Because of the long time span between planning and completion of hospital construction these excellent but limited facilities take about 7 years to become actualities.

A survey conducted by the VA in 1968 showed that the 166 VA hospitals had a total of 651,000 square feet of education space, or an average of less than 4,000 square feet in each hospital; another 869,000 square feet was borrowed from other activities, such as dining or day rooms, on a part-time basis. Recognition of this situation caused the VA to move quickly to identify or create suitable education space that would be adequate to meet the expanding training programs intended to relieve the severe shortages of essential health personnel that plagued the nation and the VA.

Service directors in Central Office and their counterparts in the field were asked to project estimates of the number of trainees by category over a 5-year period. At the same time they were asked to specify suitable teaching facilities such as classroom, offices, laboratory, and student carrels together with the ideal location for such facilities. Opinions and advice were also sought from the nation's medical schools particularly where proposed new construction permitted the inclusion of modern education space, such as the new hospitals of Pennsylvania State University at Hershey and Loyola University in Chicago.

These studies indicated that a typical 40-bed ward in a general medical and surgical (GM&S) hospital required about 1,400 square feet of education space for a full complement of trainees such as six medical students, four residents/interns, and six nursing students. Accordingly in 1970, modern educational space criteria were formulated, approved, and published in VA Manual M-7, "Planning Criteria for Medical Facilities." These criteria meant that once a hospital had projected future trainees by number and category, standards could be applied to calculate the amount and kinds of education space needed. For example, an active 500-bed GM&S hospital with 500 trainees could be entitled to as much as 30,000 square feet of education space. By these new standards there is an estimated shortage of 2 million square feet of education space in VA hospitals to accommodate the VA's estimated training potential.

Other than cost, there is no problem in placing adequate education space in new and replacement hospitals. A new bed building at San Francisco—to be completed in 1974—with about 20,000 square feet of such space, will be the first VA hospital constructed with nearly ideal teaching space. It is intended that future new hospital buildings will be similarly planned.

Program Developments and Structure. To obtain a significant increase of education space in existing hospitals is quite difficult. Whereas allied health personnel can be trained in new education structures as additions to bed-buildings, the space used for the training of professional medical personnel must be in bed-care units where virtually no expansion space exists. Removing hospital beds to provide such space is not an acceptable solution because of high patient demand in teaching hospitals, nor can the beds be easily moved to other locations, such as an education building, in a trade-off procedure because of fire regulations and remoteness from clinical support services.

There is also some urgency in obtaining adequate education space for the training of critically needed health personnel. Since the interval between the initiation of planning and the occupation of a permanent building can be as long as 7 years, the VA plans to exploit the use of modular building systems, which are low in cost and can be erected in months. These have disadvantages in that the industry currently lacks the capability to build a more than two-story structure, and building codes require that the building must be separated from patient care areas by 30 feet. Conventional construction can provide space near nursing units through an adjoining vertical structure, which allows better utilization. The location problem can be met in part in modular construction by moving certain administrative or other functions from the patient-care building to the adjacent modular building in a trade-off approach. The space vacated in the patient-care building would then be renovated as an educational facility.

Several VA hospitals, which are scheduled for research building additions, will have one or more floors allocated for education space, to take advantage of the economy possible under a single construction contract.

The quickest and least expensive way to obtain education space is through minor renovation M&R—(Minor Improvement and Nonrecurring Maintenance and Repair) projects where an existing space, such as an unused food service area, can be converted to a conference room. In the past 3 years, the VA has funded more than 100 such conversion projects to acquire about 200,000 square feet of education space. In most hospitals even this kind of space is scarce. One exception is the VA Hospital Albany, New York, in which about 7,000 square feet of space within the hospital will be converted to very functional education space.

VA Hospital Birmingham, Alabama, is an example of imaginative use of scarce internal space and a small physical site to obtain needed education space in an active GM&S hospital with many large training programs. Limited space (formerly an office and the adjoining treatment room) on each ward has been shaped into a single attractive workroom for house staff and medical students; a roof area has been converted into an auditorium and adjoining classroom; a two-story building with the structural capacity permitting the future construction of additional floors is being erected to house all dental activities, including a full program of training at all levels—specifically of professional and allied health personnel in four-handed dentistry.

Fiscal Year 1971 Highlights

- Near the close of FY 1971, the VA's first modular education building for allied health training was completed at VA Hospital Durham, North Carolina, and being readied for occupancy. This two-story structure was placed on the drawing board at the same time as the conventional structure of similar size at Birmingham which will not be completed until October 1972.

- A project at VA Hospital Albany, New York, was approved for $370 thousand to acquire 7,000 square feet of internal education space. A study by the Rensselaer Polytechnic Institute to plan an optimal learning resources center has been funded.

- Seventy-two individual minor renovation (M&R) projects were approved at 50 hospitals at a cost of $2.4 million, producing 147,000 square feet of space. This included 24 classrooms, five auditoria, 13 conference rooms, four libraries, 11 laboratories, seven offices for house staff, and eight dental operatory teaching suites.

- The VA Administrator approved a $4.8 million Research and Education Building for VA Hospital Kansas City, Missouri, and a $960 thousand combined education and outpatient facility for VA Hospital Seattle.

- Less extensive major projects included renovation of a morgue for pathology teaching at VA Hospital Durham, North Carolina, and conversion of a personnel quarters building at VA Hospital Salt Lake City, Utah, for a regional continuing education program for the personnel of the VA Hospitals at Boise, Idaho; Grand Junction, Colorado; Fort Harrison, Montana; Reno, Nevada; Sheridan, Wyoming; and Salt Lake City, Utah.

Future Projections. In FY 1970, a special VA task force estimated that the total cost of providing adequate education space in all of the VA's most active teaching hospitals would be approximately $130 million. Of this amount, $69 million would be required for special education construction projects, while the balance would be needed to provide education space in association with replacement [illegible] construction and total modernization projects. This could conceivably be accomplished over a 10-year period with appropriate budgetary support.

As research buildings are added to VA hospitals, the economies possible by including necessary education space in these projects will continue to be explored and promoted.

Meanwhile, the VA could productively utilize about $2 million annually for minor renovation projects to acquire limited educational facilities at various stations.

health services training prog

During FY 1971 more than 53,000 persons received training through the VA in 125 different health services programs. The number included 24,775 physic 15,880 nurses, and more than 12,000 trainees in the allied health and health administration fields.

Arranged alphabetically by city and State the data in the following tables show the health services training program accomplishments at each hospital and ou

VA HOSPITAL: BIRMINGHAM, ALABAMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	192	
Medical intern	47	
Career psychiatry resident	1	
Career neurosurgery resident	1	
Career pathology resident	3	
Dental resident (noncareer)	5	
Career dental resident	3	
Medical student in second 2 school years	141	Univ. of Alabama Sch. of Medicine
Research & education trainee	2	Univ. of Alabama Sch. of Medicine
Dental student in first 2 school years	42	Univ. of Alabama Sch. of Dentistry
Dental laboratory technician trainee	4	Univ. of Alabama Sch. of Dentistry
Basic nursing student	396	Regional Tech. Institute St. Vincent's Hospital Jefferson State Coll. Univ. of Alabama
Graduate nursing student	12	Univ. of Alabama
Audiology & speech pathology student (master's degree)	1	Univ. of Alabama, Tuscaloosa, Ala.
Social work student (master's degree)	4	Atlanta Univ., Atlanta, Ga. Univ. of Alabama, Tuscaloosa,
Physical therapist student	6	Univ. of Alabama
Corrective therapist student	6	Samford Univ.
Pharmacy student	16	Samford Univ.
Dietetic intern affiliate	7	Univ. of Alabama
Medical technologist student (AMA - approved)	26	Univ. of Alabama
Cytotechnologist student (AMA - approved)	8	Univ. of Alabama
Histologic technician trainee	4	Univ. of Alabama
Pathologist's assistant trainee	4	Univ. of Alabama
Radiologic technologist trainee (AMA - approved)	38	Univ. of Alabama
X-ray film processor trainee	5	Univ. of Alabama
Nurse anesthetist trainee	34	Univ. of Alabama
Physician's assistant trainee	10	Univ. of Alabama
Nuclear medicine technologist trainee (AMA - approved)	6	Univ. of Alabama
Surgeon's assistant trainee	10	Univ. of Alabama
Hospital administration resident	1	Univ. of Alabama
Graduate hospital administrator trainee	1	Univ. of
Total	1,036	

VA HOSPITAL: MONTGOMERY, ALABAMA – FISCAL

Training Program	Number of Trainees	Cooperat
Basic nursing student	40	St. Margar of Nurs
Social work student (master's degree)	4	Univ. of A Ala. Huntingdo
Pharmacy student	3	Auburn U
Surgeon's assistant trainee	2	Univ. of A Sch., B
Total	49	

VA HOSPITAL: TUSCALOOSA, ALABAMA – FISCAL

Training Program	Number of Trainees	Cooperat
Basic nursing student	100	Druid City of Nur St. Margar Nursin St. Vincer Nursin Sylacauga Nursin
Practical nurse student	34	Shelton S Institu Tuscaloos
Psychology student (graduate trg.)	10	Univ. of
Social work student (master's degree)	8	Univ. of Atlanta U
Occupational therapist student	1	Univ. of
Manual arts therapist student	2	Univ. of
Recreation specialist student	5	Univ. of
Associate chief nurse, nursing education, trainee	1	

services training programs

000 persons received training through the VA in 125 different health services programs. The number included 24,775 physicians and dentists, ,000 trainees in the allied health and health administration fields.

and State the data in the following tables show the health services training program accomplishments at each hospital and outpatient clinic.

GHAM, ALABAMA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	192	
	47	
	1	
	1	
	3	
	5	
	3	
	141	Univ. of Alabama Sch. of Medicine
	2	Univ. of Alabama Sch. of Medicine
	42	Univ. of Alabama Sch. of Dentistry
	4	Univ. of Alabama Sch. of Dentistry
	396	Regional Tech. Institute St. Vincent's Hospital Jefferson State Coll. Univ. of Alabama
	12	Univ. of Alabama
	1	Univ. of Alabama, Tuscaloosa, Ala.
ree)	4	Atlanta Univ., Atlanta, Ga. Univ. of Alabama, Tuscaloosa,
	6	Univ. of Alabama
	6	Samford Univ.
	16	Samford Univ.
	7	Univ. of Alabama
	26	Univ. of Alabama
	8	Univ. of Alabama
	4	Univ. of Alabama
	4	Univ. of Alabama
	38	Univ. of Alabama
	5	Univ. of Alabama
	34	Univ. of Alabama
	10	Univ. of Alabama
	6	Univ. of Alabama
	10	Univ. of Alabama
	1	Univ. of Alabama

Training Program	Number of Trainees	Cooperating Institutions
Graduate hospital administrator trainee	1	Univ. of Alabama
Total	1,036	

VA HOSPITAL: MONTGOMERY, ALABAMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	40	St. Margaret's Hospital Sch. of Nursing
Social work student (master's degree)	4	Univ. of Alabama, Tuscaloosa, Ala. Huntingdon Coll.
Pharmacy student	3	Auburn Univ., Auburn, Ala.
Surgeon's assistant trainee	2	Univ. of Alabama Medical Sch., Birmingham, Ala.
Total	49	

VA HOSPITAL: TUSCALOOSA, ALABAMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	100	Druid City Hospital Sch. of Nursing St. Margarets Sch. of Nursing, Montgomery, Ala. St. Vincent Hospital Sch. of Nursing, Birmingham, Ala. Sylacauga Hospital Sch. of Nursing, Sylacauga, Ala.
Practical nurse student	34	Shelton State Tech. Institute Tuscaloosa State Trade Sch.
Psychology student (graduate trg.)	10	Univ. of Alabama
Social work student (master's degree)	8	Univ. of Alabama Atlanta Univ., Atlanta, Ga.
Occupational therapist student	1	Univ. of Alabama
Manual arts therapist student	2	Univ. of Alabama
Recreation specialist student	5	Univ. of Alabama
Associate chief nurse, nursing education, trainee	1	

Training Program	Number of Trainees	Cooperating Institutions
Personnel management specialist trainee	1	
Accountant trainee	3	Univ. of Alabama
Building management officer trainee	2	
Miscellaneous administrative training	6	Tuscaloosa State Trade Sch.
Total	173	

VA HOSPITAL: TUSKEGEE, ALABAMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	5	
Basic nursing student	90	Tuskegee Institute Albany State Coll., Albany, Ga. Mississippi Valley State Coll., Itta Bena, Miss.
Social work student (master's degree)	7	Univ. of Alabama, Tuscaloosa, Ala.
Social work student (baccalaureate)	3	Tuskegee Institute
Corrective therapist student	15	Alabama State Univ., Montgomery, Ala. Florida A&M Univ., Tallahassee, Fla. Southern Univ., Baton Rouge, La. Talladega Coll., Talladega, Ala. Texas Southern Univ., Houston, Texas
Recreation specialist student	17	Florida A&M Univ., Tallahassee, Fla. Southern Univ., Baton Rouge, La. Tennessee State Univ., Nashville, Tenn. Tuskegee Institute
Pharmacy student	32	Auburn Univ., Auburn, Ala.
Dietetic intern affiliate	10	Tuskegee Institute
Physician's assistant trainee	4	Univ. of Alabama, Birmingham, Ala.
Building management officer trainee	1	
Supply management trainee	1	
Total	185	

VA REGIONAL OFFICE: JUNEAU, ALASKA – FISCAL YEAR 1971

Negative report

VA HOSPITAL: PHOENIX, ARIZONA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	11	
Medical intern	9	
Career psychiatry resident	1	
Basic nursing student	61	Arizona State Univ., Tempe, Ariz.
Psychology student (graduate trg.)	11	Arizona State Univ., Tempe, Ariz.
Social work student (master's degree)	12	Arizona State Univ., Tempe, Ariz.
Medical photographer trainee	1	VA Regional Office, Phoenix, Ariz.
Total	106	

VA CENTER: PRESCOTT, ARIZONA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	32	Yavapai Coll.
Manual arts therapist student	1	Northern Arizona Univ., Flagstaff, Ariz.
Total	33	

VA HOSPITAL: TUCSON, ARIZONA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	22	
Medical intern	3	
Medical student in first 2 school years	132	Univ. of Arizona Coll. of Medicine
Medical student in second 2 school years	66	Univ. of Arizona Coll. of Medicine
Research and education trainee	1	
Basic nursing student	183	Pima Jr. Coll. Univ. of Arizona Coll. of Nursing
Graduate nursing student	13	Univ. of Arizona Coll. of Nursing
Practical nurse student	32	Tucson Public Sch.
Audiology & speech pathology student (master's degree)	4	Univ. of Arizona

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	7	Univ. of Arizona
Psychology student (postdoctoral)	3	Univ. of Arizona
Social work student (master's degree)	3	Arizona State Univ., Tempe, Ariz.
Social work student (baccalaureate)	6	Arizona State Univ., Tempe, Ariz.
Pharmacy student	25	Univ. of Arizona
Total	500	

VA HOSPITAL: FAYETTEVILLE, ARKANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	24	Univ. of Arkansas
Nursing assistant trainee	4	Springdale Sch. District, Springdale, Ark.
Social work student (baccalaureate)	2	Univ. of Arkansas
Dietetic student	7	Univ. of Arkansas
Chief of staff trainee	2	
Miscellaneous allied health training	10	Antaeus Lineal Research Associates
Total	49	

VA HOSPITAL: LITTLE ROCK, ARKANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	85	
Medical intern	36	
Career psychiatry resident	3	
Career pathology resident	1	
Medical student in second 2 school years	251	Univ. of Arkansas Medical Sch.
Research & education trainee	4	Univ. of Arkansas Medical Sch.
Dental hygienist trainee	22	Univ. of Arkansas Sch. of Dental Hygiene
Basic nursing student	125	Univ. of Arkansas Sch. of Nursing State Coll. of Arkansas, Conway, Ark. Arkansas Baptist Coll.
Graduate nursing student	1	State Coll. of Arkansas, Conway, Ark.

Training Program	Numb Train
Psychology student (graduate trg.)	
Psychology student (postdoctoral)	
Social work student (master's degree)	
Social work student (baccalaureate)	
Occupational therapist student	
Manual arts therapist student	
Medical technologist student (AMA - approved)	
Medical student anesthesiology trainee	
Personnel management specialist trainee	
Supply management trainee	
Total	57

VA HOSPITAL: FRESNO, CALIF

Training Program	Numb Traine
Medical resident (noncareer)	
Basic nursing student	7
Graduate nursing student	

Number of Trainees	Cooperating Institutions
7	Univ. of Arizona
3	Univ. of Arizona
3	Arizona State Univ., Tempe, Ariz.
6	Arizona State Univ., Tempe, Ariz.
25	Univ. of Arizona
500	

VILLE, ARKANSAS – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
24	Univ. of Arkansas
4	Springdale Sch. District, Springdale, Ark.
2	Univ. of Arkansas
7	Univ. of Arkansas
2	
10	Antaeus Lineal Research Associates
49	

ROCK, ARKANSAS – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
85	
36	
3	
1	
251	Univ. of Arkansas Medical Sch.
4	Univ. of Arkansas Medical Sch.
22	Univ. of Arkansas Sch. of Dental Hygiene
125	Univ. of Arkansas Sch. of Nursing State Coll. of Arkansas, Conway, Ark. Arkansas Baptist Coll.
1	State Coll. of Arkansas, Conway, Ark.

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	12	Univ. of Missouri, Columbia, Mo. Univ. of Arkansas, Fayetteville, Ark. State Coll. of Arkansas, Conway, Ark.
Psychology student (postdoctoral)	1	Univ. of Victoria, Victoria, Br. Columbia
Social work student (master's degree)	16	Univ. of Arkansas Graduate Sch. of Social Work Univ. of Tennessee, Nashville, Tenn. Louisiana State Univ. Sch. of Social Work, Baton Rouge, La.
Social work student (baccalaureate)	3	Univ. of Arkansas A.M.&N. Coll., Pine Bluff, Ark.
Occupational therapist student	3	Texas Women's Univ., Denton, Texas
Manual arts therapist student	1	State Coll. of Arkansas, Conway, Ark.
Medical technologist student (AMA - approved)	7	A.M.&N. Coll., Pine Bluff, Ark. State Coll. of Arkansas, Conway, Ark. Univ. of Alabama, Montgomery, Ala. Univ. of Oklahoma, Norman, Okla. Hendrix Coll., Conway, Ark.
Medical student anesthesiology trainee	4	Univ. of Arkansas Medical Sch.
Personnel management specialist trainee	2	
Supply management trainee	1	
Total	578	

VA HOSPITAL: FRESNO, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	3	
Basic nursing student	75	Fresno State Coll.
Graduate nursing student	3	Fresno State Coll.

Training Program	Number of Trainees	Cooperating Institutions
Nursing assistant trainee	24	Madera Employment Training Center, Madera, Calif.
Social work student (master's degree)	2	Fresno State Coll.
Associate chief nurse, nursing education, trainee	1	
Total	108	

VA HOSPITAL: LIVERMORE, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	11	
Dental assistant trainee	6	Chabot Coll., Hayward, Calif.
Basic nursing student	10	Chabot Coll., Hayward, Calif.
Practical nurse student	34	Livermore Sch. District
Nursing assistant trainee	8	Granada High Sch.
Audiology & speech pathology student (master's degree)	17	San Jose State Coll., San Jose, Calif
Social work student (master's degree)	2	Univ. of California, Berkeley, Calif.
Social work student (baccalaureate)	1	Univ. of California, Berkeley, Calif.
Physical therapist student	6	Univ. of California, Berkeley, Calif.
Hospital librarian work-study	2	Univ. of California, Berkeley, Calif.
Supply management trainee	1	
Miscellaneous administrative training	5	Granada High Sch.
Total	103	

VA HOSPITAL: LONG BEACH, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	C
Medical resident (noncareer)	193	
Career psychiatry resident	1	
Career neurology resident	1	
Career pathology resident	2	
Dental resident (noncareer)	3	
Career dental resident	8	
Career dental intern	1	
Medical student in second 2 school years	164	Un
Research & education trainee	4	Un
Spinal cord injury specialist trainee	2	
Dental assistant trainee	30	Ora Ful Lo
Dental laboratory technician trainee	5	Ora
Basic nursing student	279	St. Lo Cal
Practical nurse student	62	Lo
Nursing assistant trainee	30	Lo
Audiology & speech pathology student (master's degree)	2	Cal
Psychology student (graduate trg.)	3	Uni
Vocational rehabilitation counselor student	7	Cal Uni
Social work student (master's degree)	6	Cal
Social work student (baccalaureate)	4	Cal
Occupational therapist student	10	Lo Uni Col Col Uni Sa

Number of Trainees	Cooperating Institutions
24	Madera Employment Training Center, Madera, Calif.
2	Fresno State Coll.
1	
108	

, CALIFORNIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
11	
6	Chabot Coll., Hayward, Calif.
10	Chabot Coll., Hayward, Calif.
34	Livermore Sch. District
8	Granada High Sch.
17	San Jose State Coll., San Jose, Calif
2	Univ. of California, Berkeley, Calif.
1	Univ. of California, Berkeley, Calif.
6	Univ. of California, Berkeley, Calif.
2	Univ. of California, Berkeley, Calif.
1	
5	Granada High Sch.
103	

H, CALIFORNIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
193	
1	
1	
2	

Training Program	Number of Trainees	Cooperating Institutions
Dental resident (noncareer)	3	
Career dental resident	8	
Career dental intern	1	
Medical student in second 2 school years	164	Univ. of California, Irvine, Calif.
Research & education trainee	4	Univ. of California, Irvine, Calif.
Spinal cord injury specialist trainee	2	
Dental assistant trainee	30	Orange Coast Coll. Division of Health, Costa Mesa, Calif. Fullerton Jr. Coll., Fullerton, Calif. Long Beach City Coll.
Dental laboratory technician trainee	5	Orange Coast Coll. Division of Health, Costa Mesa, Calif.
Basic nursing student	279	St. Vincent's Coll. of Nursing, Los Angeles, Calif. Long Beach City Coll. California State Coll.
Practical nurse student	62	Long Beach City Coll.
Nursing assistant trainee	30	Long Beach City Coll.
Audiology & speech pathology student (master's degree)	2	California State Coll.
Psychology student (graduate trg.)	3	Univ. of Southern California, Los Angeles, Calif.
Vocational rehabilitation counselor student	7	California State Coll., Los Angeles, Calif. Univ. of Southern California, Los Angeles, Calif.
Social work student (master's degree)	6	California State Coll., San Diego, Calif.
Social work student (baccalaureate)	4	California State Coll.
Occupational therapist student	10	Loma Linda Univ., Loma Linda, Calif. Univ. of Wisconsin, Madison, Wisc. Colorado State Coll., Fort Collins, Colo. Coll. of St. Catherine, St. Paul, Minn. Univ. of Minnesota, Minneapolis, Minn. San Jose State Coll., San Jose, Calif.

Training Program	Number of Trainees	Cooperating Institutions
Physical therapist student	16	Long Beach State Coll. Children's Hospital, Los Angeles, Calif. Loma Linda Univ., Loma Linda, Calif.
Corrective therapist student	9	Long Beach State Coll.
Dietetic intern	3	VA Hospital Wadsworth, Los Angeles, Calif.
Dietetic student	12	California State Coll.
Medical technologist student (AMA - approved)	12	California State Coll.
Histologic technician trainee	4	Charles H. Milby High Sch., Houston Texas Sherman Hospital, Elgin, Ill. Long Beach City Coll. Anaheim High Sch., Anaheim, Calif.
Radiologic technologist trainee (AMA - approved)	34	Long Beach City Coll.
Prosthetic representative trainee	1	
Inhalation therapy technician trainee (AMA - approved)	3	Long Beach City Coll.
Building management officer trainee	3	
Management analyst trainee	1	
Total	915	

VA HOSPITAL: (BRENTWOOD)
LOS ANGELES, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	15	
Career psychiatry resident	3	
Dental intern (noncareer)	2	
Career dental intern	1	
Dental assistant trainee	2	Rio Honda Coll.
Basic nursing student	308	Queen of Angeles Hospital Sch. of Nursing Hollywood Presbyterian Hospital Sch. of Nursing, Hollywood, Calif. Univ. of California at Los Angeles California State Coll. El Camino Coll., Gardena, Calif.

Training Program	Number of Trainees	Co
		Lo Lo
Psychology student (graduate trg.)	7	Un
Vocational rehabilitation counselor student	22	Cal
Social work student (master's degree)	6	Un
Occupational therapist student	7	Un Un Un Sa Un
Dietetic intern	15	VA
Total	388	

VA HOSPITAL: (WADSWORTH
LOS ANGELES, CALIFORNIA – FISCAL Y

Training Program	Number of Trainees	Co
Medical resident (noncareer)	267	
Medical intern	37	
Career psychiatry resident	3	
Career PM&R resident	4	
Career radiology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	2	
Career dental resident	1	
Medical student in first 2 school years	156	Un
Medical student in second 2 school years	224	Un
Research & education trainee	3	
Dental assistant trainee	20	Lo Ri
Dental laboratory technician trainee	34	Lo
Basic nursing student	244	Sa Lo

Number of Trainees	Cooperating Institutions
16	Long Beach State Coll. Children's Hospital, Los Angeles, Calif. Loma Linda Univ., Loma Linda, Calif.
9	Long Beach State Coll.
3	VA Hospital Wadsworth, Los Angeles, Calif.
12	California State Coll.
12	California State Coll.
4	Charles H. Milby High Sch., Houston Texas Sherman Hospital, Elgin, Ill. Long Beach City Coll. Anaheim High Sch., Anaheim, Calif.
34	Long Beach City Coll.
1	
3	Long Beach City Coll.
3	
1	
915	

SPITAL: (BRENTWOOD)
CALIFORNIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
15	
3	
2	
1	
2	Rio Honda Coll.
308	Queen of Angeles Hospital Sch. of Nursing Hollywood Presbyterian Hospital Sch. of Nursing, Hollywood, Calif. Univ. of California at Los Angeles California State Coll. El Camino Coll., Gardena, Calif.

Training Program	Number of Trainees	Cooperating Institutions
		Los Angeles Southwest Coll. Los Angeles City Coll.
Psychology student (graduate trg.)	7	Univ. of Southern Calif.
Vocational rehabilitation counselor student	22	California State Coll.
Social work student (master's degree)	6	Univ. of California at Los Angeles
Occupational therapist student	7	Univ. of Minnesota, Minneapolis, Minn. Univ. of Southern California Univ. of New Hampshire, Concord, N.H. San Jose State Coll., San Jose, Calif. Univ. of Washington, Tacoma, Wash.
Dietetic intern	15	VA Hospital Wadsworth, Los Angeles, Calif.
Total	388	

VA HOSPITAL: (WADSWORTH)
LOS ANGELES, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	267	
Medical intern	37	
Career psychiatry resident	3	
Career PM&R resident	4	
Career radiology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	2	
Career dental resident	1	
Medical student in first 2 school years	156	Univ. of California at Los Angeles Sch. of Medicine
Medical student in second 2 school years	224	Univ. of California at Los Angeles Sch. of Medicine
Research & education trainee	3	
Dental assistant trainee	20	Los Angeles City Coll. Rio Hondo Jr. Coll., Whittier, Calif.
Dental laboratory technician trainee	34	Los Angeles City Coll.
Basic nursing student	244	Santa Monica Coll., Santa Monica, Calif. Los Angeles Southwest Coll.

Training Program	Number of Trainees	Cooperating Institutions
		El Camino Coll., Torrance, Calif.
Graduate nursing student	3	Univ. of California at Los Angeles Sch. of Nursing
Practical nurse student	67	Berkeley Sch of Nursing Arts, Santa Monica, Calif.
Audiology & speech pathology student (doctoral)	2	Valley State Coll., Northridge, Calif. California State Coll. Univ. of Southern California
Psychology student (graduate trg.)	9	Univ. of California at Los Angeles Univ. of Southern California
Vocational rehabilitation counselor student	4	California State Coll. at Los Angeles
Occupational therapist student	8	Eastern Michigan Univ., Ypsilanti, Mich. San Jose State Coll., San Jose, Calif. Univ. of New Hampshire, Durham, N.H. Univ. of Puget Sound, Tacoma, Wash. Los Angeles City Coll.
Physical therapist student	29	Children's Hospital Univ. of Southern California Loma Linda Univ., Loma Linda, Calif. Valley State Coll., Northridge, Calif. Univ. of California at Los Angeles California State Coll.
Pharmacy resident	2	Univ. of Southern California Sch. of Pharmacy
Dietetic intern	33	Univ. of California, Berkeley, Calif. St. Mary of the Woods Coll., Terre Haute, Ind. Southeastern Louisiana Univ., Hammond, La. David Lipscombe Coll., Nashville, Tenn. Valparaiso Univ., Valparaiso, Ind. Stout State Coll., Menomonie, Wisc.
Medical technologist student (AMA - approved)	11	

Training Program	Number of Trainees	C
X-ray technician trainee	41	Sa
Orthotist-prosthetist trainee	2	
Nuclear medicine technologist trainee (AMA - approved)	2	Ur
Miscellaneous physician training	4	Ur
Miscellaneous allied health training	7	Ur
Total	1,222	

VA OUTPATIENT CLINIC: LOS AN
CALIFORNIA – FISCAL YEAR 1

Training Program	Number of Trainees	Co
Audiology & speech pathology student (doctoral)	5	U Ca
Audiology & speech pathology student (master's degree)	8	U Ca
Psychology student (graduate trg.)	2	U
Social work student (master's degree)	8	Sa U Sc
Occupational therapist student	7	B Sa L U
Total	30	

nber of inees	Cooperating Institutions
	El Camino Coll., Torrance, Calif.
3	Univ. of California at Los Angeles Sch. of Nursing
67	Berkeley Sch of Nursing Arts, Santa Monica, Calif.
2	Valley State Coll., Northridge, Calif. California State Coll. Univ. of Southern California
9	Univ. of California at Los Angeles Univ. of Southern California
4	California State Coll. at Los Angeles
8	Eastern Michigan Univ., Ypsilanti, Mich. San Jose State Coll., San Jose, Calif. Univ. of New Hampshire, Durham, N.H. Univ. of Puget Sound, Tacoma, Wash. Los Angeles City Coll.
29	Children's Hospital Univ. of Southern California Loma Linda Univ., Loma Linda, Calif. Valley State Coll., Northridge, Calif. Univ. of California at Los Angeles California State Coll.
2	Univ. of Southern California Sch. of Pharmacy
33	Univ. of California, Berkeley, Calif. St. Mary of the Woods Coll., Terre Haute, Ind. Southeastern Louisiana Univ., Hammond, La. David Lipscombe Coll., Nashville, Tenn. Valparaiso Univ., Valparaiso, Ind. Stout State Coll., Menomonie, Wisc.
11	

Training Program	Number of Trainees	Cooperating Institutions
X-ray technician trainee	41	Santa Monica City Coll., Santa Monica, Calif.
Orthotist-prosthetist trainee	2	
Nuclear medicine technologist trainee (AMA - approved)	2	Univ. of California at Los Angeles Sch. of Medicine
Miscellaneous physician training	4	Univ. of California at Los Angeles Sch. of Medicine
Miscellaneous allied health training	7	Univ. of Southern California
Total	1,222	

VA OUTPATIENT CLINIC: LOS ANGELES, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Audiology & speech pathology student (doctoral)	5	Univ. of Southern California California State Coll. at Los Angeles
Audiology & speech pathology student (master's degree)	8	Univ. of Southern California California State Coll. at Los Angeles
Psychology student (graduate trg.)	2	Univ. of California at Los Angeles
Social work student (master's degree)	8	San Diego State Coll., San Diego, Calif. Univ. of Southern California Sch. of Social Welfare, Univ. of California at Los Angeles
Occupational therapist student	7	Boston Univ., Sargents Coll., Boston, Mass. San Jose State Coll., San Jose, Calif. Loma Linda Univ., Loma Linda, Calif. Univ. of Puget Sound, Tacoma, Wash.
Total	30	

VA EXTENDED CARE HOSPITAL: LOS ANGELES, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental resident (noncareer)	2	
Dental intern (noncareer)	3	
Career dental resident	2	
Practical nurse student	34	Berkeley Sch. of Nursing Santa Monica City Coll., Santa Monica, Calif.
Accountant trainee	5	San Fernando Valley State Coll., Northridge, Calif.
Management analyst trainee	3	
Total	49	

VA HOSPITAL: MARTINEZ, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	42	
Medical intern	38	
Career neurology resident	1	
Career pathology resident	1	
Dental intern (noncareer)	1	
Career dental intern	1	
Basic nursing student	262	Contra Costa Coll., San Pablo, Calif. Kaiser Foundation Coll., Oakland, Calif.
Practical nurse student	81	Contra Costa Coll., San Pablo, Calif.
Psychology student (graduate trg.)	4	Univ. of California, Berkeley, Calif.
Social work student (master's degree)	2	Sacramento State Coll., Sacramento, Calif.
Occupational therapist student	12	San Jose State Coll., San Jose, Calif.
Physical therapist student	7	Univ. of California, San Francisco, Calif.
Dietetic intern affiliate	8	
Chaplain resident	6	
Hospital administration resident	1	George Washington Univ., Washington, D.C.
Personnel management specialist trainee	1	
Miscellaneous allied health training	4	Interchurch Center, New York, N.Y.
Total	472	

VA HOSPITAL: PALO ALTO, CALIFO

Training Program	Number Trainees
Medical resident (noncareer)	159
Medical intern	30
Career PM&R resident	5
Dental intern (noncareer)	2
Medical student in second 2 school years	81
Basic nursing student	293
Graduate nursing student	3
Psychology student (graduate trg.)	33

OSPITAL: LOS ANGELES, ISCAL YEAR 1971

mber of ainees	Cooperating Institutions
2	
3	
2	
34	Berkeley Sch. of Nursing Santa Monica City Coll., Santa Monica, Calif.
5	San Fernando Valley State Coll., Northridge, Calif.
3	
49	

LIFORNIA – FISCAL YEAR 1971

umber of ainees	Cooperating Institutions
42	
38	
1	
1	
1	
1	
262	Contra Costa Coll., San Pablo, Calif. Kaiser Foundation Coll., Oakland, Calif.
81	Contra Costa Coll., San Pablo, Calif.
4	Univ. of California, Berkeley, Calif.
2	Sacramento State Coll., Sacramento, Calif.
12	San Jose State Coll., San Jose, Calif.
7	Univ. of California, San Francisco, Calif.
8	
6	
1	George Washington Univ., Washington, D.C.
1	
4	Interchurch Center, New York, N.Y.
472	

VA HOSPITAL: PALO ALTO, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	159	
Medical intern	30	
Career PM&R resident	5	
Dental intern (noncareer)	2	
Medical student in second 2 school years	81	Stanford Univ. Sch. of Medicine, Stanford, Calif.
Basic nursing student	293	Coll. of San Mateo, San Mateo, Calif. De Anza Coll., Cupertino, Calif. St. Luke's Hospital Sch. of Nursing, San Francisco, Calif. San Jose City Coll., San Jose, Calif. Stanford Univ. Sch. of Nursing, Stanford, Calif. Univ. of California Sch. of Nursing, San Francisco, Calif.
Graduate nursing student	3	Univ. of California Sch. of Nursing, San Francisco, Calif.
Psychology student (graduate trg.)	33	Clark Univ., Worcester, Mass. George Peabody Coll., Nashville, Tenn. Georgia State Coll., Atlanta, Ga. Harvard Univ., Cambridge, Mass. Ohio State Univ., Columbus, Ohio San Francisco State Coll., San Francisco, Calif. Southern Illinois Univ., Carbondale, Ill. Stanford Univ., Stanford, Calif. Texas Tech. Univ., Lubbock, Texas Univ. of Arizona, Tucson, Ariz. Univ. of California, Berkeley, Calif. Univ. of Connecticut, Storrs, Conn. Univ. of Massachusetts, Amherst, Mass.

Training Program	Number of Trainees	Cooperating Institutions
		Univ. of Minnesota, Minneapolis, Minn. Univ. of Montana, Missoula, Mont. Univ. of Nebraska, Lincoln, Neb. Univ. of Nevada, Reno, Nevada Univ. of Oregon, Eugene, Ore. Univ. of South Dakota, Vermillion, S.D. Univ. of Tennessee, Knoxville, Tenn. Univ. of Wisconsin, Madison, Wisc. Washington State Univ., Pullman, Wash.
Social work student (master's degree)	12	San Francisco State Coll., San Francisco, Calif. Univ. of California, Berkeley, Calif.
Social work student (baccalaureate)	6	Coll. of Notre Dame, Belmont, Calif. Michigan State Univ., East Lansing, Mich.
Occupational therapist student	32	Coll. of St. Catherine, St. Paul, Minn. Colorado State Univ., Fort Collins, Colo. Mount Mary Coll., Milwaukee, Wisc. San Jose State Coll., San Jose, Calif. State Univ. of New York, Buffalo, N.Y. Univ. of Kansas, Lawrence, Kansas Univ. of Puget Sound, Tacoma, Wash. Univ. of Washington, Seattle, Wash. Western Michigan Univ., Kalamazoo, Mich.
Corrective therapist student	3	San Jose State Coll., San Jose, Calif.
Blind rehabilitation trainee	10	California State Coll., Los Angeles, Calif. Pacific Union Coll., Angwin, Calif.
Pharmacy intern	3	Univ. of California, San Francisco, Calif.

Training Program	Number of Trainees	Co
		W
Medical record librarian trainee (AMA - approved)	1	
Nuclear medicine technician trainee	1	
Total	674	

VA HOSPITAL: SAN DIEGO, CALIFORNIA – FI

Training Program	Number of Trainees	Co
Negative report		

VA HOSPITAL: SAN FRANCISCO, CALIFORNIA –

Training Program	Number of Trainees	Co
Medical resident (noncareer)	77	
Medical intern	12	
Career radiology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	2	
Career dental intern	1	
Medical student in first 2 school years	43	Uni
Medical student in second 2 school years	22	Uni New Em
Research and education trainee	6	
Dental student in second 2 school years	12	Uni
Dental assistant trainee	12	City
Dental laboratory technician trainee	4	City
Basic nursing student	137	Uni Uni
Graduate nursing student	15	Uni

mber of nees	Cooperating Institutions
	Univ. of Minnesota, Minneapolis, Minn. Univ. of Montana, Missoula, Mont. Univ. of Nebraska, Lincoln, Neb. Univ. of Nevada, Reno, Nevada Univ. of Oregon, Eugene, Ore. Univ. of South Dakota, Vermillion, S.D. Univ. of Tennessee, Knoxville, Tenn. Univ. of Wisconsin, Madison, Wisc. Washington State Univ., Pullman, Wash.
12	San Francisco State Coll., San Francisco, Calif. Univ. of California, Berkeley, Calif.
6	Coll. of Notre Dame, Belmont, Calif. Michigan State Univ., East Lansing, Mich.
32	Coll. of St. Catherine, St. Paul, Minn. Colorado State Univ., Fort Collins, Colo. Mount Mary Coll., Milwaukee, Wisc. San Jose State Coll., San Jose, Calif. State Univ. of New York, Buffalo, N.Y. Univ. of Kansas, Lawrence, Kansas Univ. of Puget Sound, Tacoma, Wash. Univ. of Washington, Seattle, Wash. Western Michigan Univ., Kalamazoo, Mich.
3	San Jose State Coll., San Jose, Calif.
10	California State Coll., Los Angeles, Calif. Pacific Union Coll., Angwin, Calif.
3	Univ. of California, San Francisco, Calif.

Training Program	Number of Trainees	Cooperating Institutions
		Washington State Univ., Pullman, Wash.
Medical record librarian trainee (AMA - approved)	1	
Nuclear medicine technician trainee	1	
Total	674	

VA HOSPITAL: SAN DIEGO, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: SAN FRANCISCO, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	77	
Medical intern	12	
Career radiology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	2	
Career dental intern	1	
Medical student in first 2 school years	43	Univ. of California Medical Center
Medical student in second 2 school years	22	Univ. of California Medical Center New York State Univ., Buffalo, N.Y. Emory Univ., Atlanta, Ga.
Research and education trainee	6	
Dental student in second 2 school years	12	Univ. of California Medical Center
Dental assistant trainee	12	City Coll. of San Francisco
Dental laboratory technician trainee	4	City Coll. of San Francisco
Basic nursing student	137	Univ. of San Francisco Univ. of California Medical Center
Graduate nursing student	15	Univ. of California Medical Center

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	128	California Coll. of Medical Affiliates
Audiology & speech pathology student (doctoral)	8	San Francisco State Coll. Columbia Univ., New York, N.Y. Univ. of Santa Barbara, Santa Barbara, Calif. Univ. of Florida, Gainesville, Fla. New York State Univ., Buffalo, N.Y.
Audiology & speech pathology student (master's degree)	8	San Francisco State Coll. San Jose State Coll., San Jose, Calif.
Psychology student (graduate trg.)	22	George Washington Univ., Washington, D.C. Univ. of Montana, Missoula, Mont. Univ. of Connecticut, Storrs, Conn. Univ. of Tennessee, Knoxville, Tenn. Univ. of Minnesota, Minneapolis, Minn. Univ. of Miami, Coral Gables, Fla. Univ. of California, Berkeley, Calif. Ohio State Univ., Columbus, Ohio Wright Institute, Berkeley, Calif.
Psychology student (baccalaureate)	2	Univ. of California, Berkeley, Calif. San Francisco State Coll.
Social work student (master's degree)	10	Univ. of California, Berkeley, Calif. San Francisco State Coll.
Physical therapist student	5	Univ. of California Medical Center
Pharmacy resident	6	Univ. of California Medical Center
Pharmacy assistant trainee	16	
Dietetic intern affiliate	11	Univ. of California, Berkeley, Calif.
Prosthetic representative trainee	1	
Podiatry student	59	California Coll. of Podiatrics Medicine
Operating room technician trainee	9	California Coll. of Medical Affiliates

Training Program	Number Trainees
Personnel management specialist trainee	2
Miscellaneous physician training	2
Miscellaneous dentist training	2
Total	637

VA HOSPITAL: SEPULVEDA, CALIFO

Training Program	Number Trainees
Medical resident (noncareer)	39
Career psychiatry resident	8
Dental intern (noncareer)	3
Dental student summer research trainee	1
Audiology & speech pathology student (doctoral)	2
Psychology student (graduate trg.)	9
Psychology student (baccalaureate)	46
Vocational rehabilitation counselor student	2
Social work student (master's degree)	4

h	Number of Trainees	Cooperating Institutions
udent	128	California Coll. of Medical Affiliates
ech pathology oral)	8	San Francisco State Coll. Columbia Univ., New York, N.Y. Univ. of Santa Barbara, Santa Barbara, Calif. Univ. of Florida, Gainesville, Fla. New York State Univ., Buffalo, N.Y.
ech pathology ter's degree)	8	San Francisco State Coll. San Jose State Coll., San Jose, Calif.
ent (graduate trg.)	22	George Washington Univ., Washington, D.C. Univ. of Montana, Missoula, Mont. Univ. of Connecticut, Storrs, Conn. Univ. of Tennessee, Knoxville, Tenn. Univ. of Minnesota, Minneapolis, Minn. Univ. of Miami, Coral Gables, Fla. Univ. of California, Berkeley, Calif. Ohio State Univ., Columbus, Ohio Wright Institute, Berkeley, Calif.
dent (baccalaureate)	2	Univ. of California, Berkeley, Calif. San Francisco State Coll.
dent (master's degree)	10	Univ. of California, Berkeley, Calif. San Francisco State Coll.
ist student	5	Univ. of California Medical Center
ent	6	Univ. of California Medical Center
tant trainee	16	
affiliate	11	Univ. of California, Berkeley, Calif.
esentative trainee	1	
t	59	California Coll. of Podiatrics Medicine
technician trainee	9	California Coll. of Medical Affiliates

Training Program	Number of Trainees	Cooperating Institutions
Personnel management specialist trainee	2	
Miscellaneous physician training	2	Univ. of California Medical Center
Miscellaneous dentist training	2	Univ. of California Medical Center
Total	637	

VA HOSPITAL: SEPULVEDA, CALIFORNIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	39	
Career psychiatry resident	8	
Dental intern (noncareer)	3	
Dental student summer research trainee	1	Univ. of California at Los Angeles, Los Angeles, Calif.
Audiology & speech pathology student (doctoral)	2	San Fernando Valley State Coll., Northridge, Calif.
Psychology student (graduate trg.)	9	Univ. of Utah, Ogden, Utah Univ. of Southern California, Los Angeles, Calif. Univ. of California at Los Angeles, Los Angeles, Calif. Harvard Univ., Cambridge, Mass. California Sch. of Prof. Psychology, Los Angeles, Calif.
Psychology student (baccalaureate)	46	San Fernando Valley State Coll., Northridge, Calif. Univ. of California at Los Angeles, Los Angeles, Calif.
Vocational rehabilitation counselor student	2	California State Coll. at Los Angeles, Los Angeles, Calif.
Social work student (master's degree)	4	Univ. of California at Los Angeles, Los Angeles, Calif. Univ. of Southern California, Los Angeles, Calif.

Training Program	Number of Trainees	Cooperating Institutions
Social work student (baccalaureate)	3	San Fernando Valley State Coll., Northridge, Calif.
Occupational therapist student	9	Colorado State Univ., Fort Collins, Colo. Ohio State Univ., Columbus, Ohio San Jose State Univ., San Jose, Calif. Univ. of Puget Sound, Tacoma. Wash. Univ. of Florida, Gainesville, Fla. Univ. of Wisconsin, Madison, Wisc.
Physical therapist student	4	Loma Linda Univ., Loma Linda, Calif. Children's Hospital Sch. of Physical Therapy, Los Angeles, Calif.
Manual arts therapist student	4	San Diego State Coll., San Diego, Calif.
Recreation specialist student	8	San Fernando Valley State Coll., Northridge, Calif.
Supply management trainee	1	Maryland Univ., Baltimore, Md.
Total	143	

VA HOSPITAL: DENVER, COLORADO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	222	
Medical intern	43	
Career pathology resident	1	
Medical student in second 2 school years	126	Univ. of Colorado Medical Center
Research & education trainee	5	
Basic nursing student	36	Univ. of Colorado Medical Center
Graduate nursing student	6	Univ. of Colorado Medical Center
Audiology & speech pathology student (doctoral)	15	Univ. of Colorado, Boulder, Colo. Univ. of Denver
Psychology student (graduate trg.)	49	Univ. of Colorado, Boulder, Colo.
Social work student (master's degree)		
Physical therapist student		
Pharmacy resident		
Hospital librarian work-study		
Medical record librarian trainee		
Medical student anesthesiology trainee		
Nuclear medicine technician trainee		
Associate chief nurse, nursing education, trainee		
Personnel management specialist trainee		
Medical administrative trainee		
Total		

VA HOSPITAL: FORT LYON,

Training Program
Practical nurse student
Vocational rehabilitation counselor student
Total

VA HOSPITAL:
COLORADO –

Training Program
Medical resident (noncareer)
Total

	Number of Trainees	Cooperating Institutions
e)	3	San Fernando Valley State Coll., Northridge, Calif.
	9	Colorado State Univ., Fort Collins, Colo. Ohio State Univ., Columbus, Ohio San Jose State Univ., San Jose, Calif. Univ. of Puget Sound, Tacoma, Wash. Univ. of Florida, Gainesville, Fla. Univ. of Wisconsin, Madison, Wisc.
	4	Loma Linda Univ., Loma Linda, Calif. Children's Hospital Sch. of Physical Therapy, Los Angeles, Calif.
	4	San Diego State Coll., San Diego, Calif.
	8	San Fernando Valley State Coll., Northridge, Calif.
	1	Maryland Univ., Baltimore, Md.
	143	

NVER, COLORADO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
	222	
	43	
	1	
ol	126	Univ. of Colorado Medical Center
	5	
	36	Univ. of Colorado Medical Center
	6	Univ. of Colorado Medical Center
	15	Univ. of Colorado, Boulder, Colo. Univ. of Denver
.)	49	Univ. of Colorado, Boulder, Colo.
Social work student (master's degree)	3	Univ. of Denver
Physical therapist student	4	Univ. of Colorado Medical Center
Pharmacy resident	1	
Hospital librarian work-study	1	Univ. of Denver
Medical record librarian trainee	1	Univ. of Denver
Medical student anesthesiology trainee	3	Univ. of Colorado Medical Center
Nuclear medicine technician trainee	1	
Associate chief nurse, nursing education, trainee	1	
Personnel management specialist trainee	2	
Medical administrative trainee	1	
Total	521	

VA HOSPITAL: FORT LYON, COLORADO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	58	Trinidad State Jr. Coll., Trinidad, Colo. La Junta Medical Center Sch. of Practical Nursing, La Junta, Colo.
Vocational rehabilitation counselor student	1	Eastern Montana Coll., Billings, Montana
Total	59	

VA HOSPITAL: GRAND JUNCTION, COLORADO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	4	
Total	4	

VA HOSPITAL: NEWINGTON, CONNECTICUT – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	41	
Medical intern	27	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Medical student in second 2 school years	26	Univ. of Connecticut, Storrs, Conn.
Dental assistant trainee	6	Manchester Comm. Coll., Manchester, Conn.
Basic nursing student	32	Univ. of Connecticut, Storrs, Conn.
Social work student (master's degree)	3	Univ. of Connecticut, Storrs, Conn.
Management analyst trainee	1	
Total	139	

VA HOSPITAL: WEST HAVEN, CONNECTICUT – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	253	
Medical intern	36	
Career psychiatry resident	2	
Career pathology resident	2	
Dental intern (noncareer)	1	
Medical student in first 2 school years	26	Yale Univ., New Haven, Conn.
Medical student in second 2 school years	65	Yale Univ., New Haven, Conn.
Research and education trainee	3	Yale Univ., New Haven, Conn.
Dental assistant trainee	21	Eli Whitney Tech. Sch., New Haven, Conn.
Basic nursing student	130	Univ. of Bridgeport, Bridgeport, Conn.
Graduate nursing student	1	Yale Univ., New Haven, Conn.
Audiology & speech pathology student (master's degree)	1	Southern Connecticut State Coll., New Haven, Conn.
Psychology student (graduate trg.)	21	South Central Comm. Coll., New Haven, Conn.
Psychology student (postdoctoral)	1	
Social work student (master's degree)	4	
Social work student (baccalaureate)	5	
Occupational therapist student	1	
Physical therapist student	1	
Corrective therapist student	3	
Blind rehabilitation trainee	6	
Dietetic student	6	
Certified laboratory assistant trainee (AMA - approved)	5	
Hospital librarian work-study	3	
Radiologic technologist trainee (AMA - approved)	21	
Chief nurse trainee	1	
Building management officer trainee	1	
Assistant hospital director trainee	1	
Total	621	

HOSPITAL: NEWINGTON, CTICUT – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	41	
	27	
	2	
	1	
ool		
	26	Univ. of Connecticut, Storrs, Conn.
	6	Manchester Comm. Coll., Manchester, Conn.
	32	Univ. of Connecticut, Storrs, Conn.
egree)	3	Univ. of Connecticut, Storrs, Conn.
	1	
	139	

HOSPITAL: WEST HAVEN, CTICUT – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	253	
	36	
	2	
	2	
	1	
	26	Yale Univ., New Haven, Conn.
ol		
	65	Yale Univ., New Haven, Conn.
	3	Yale Univ., New Haven, Conn.
	21	Eli Whitney Tech. Sch., New Haven, Conn.
	130	Univ. of Bridgeport, Bridgeport, Conn.
	1	Yale Univ., New Haven, Conn.
	1	Southern Connecticut State Coll., New Haven, Conn.
)	21	South Central Comm. Coll., New Haven, Conn.

Training Program	Number of Trainees	Cooperating Institutions
		Columbia Univ., New York, N.Y.
		Univ. of Connecticut, Storrs, Conn.
		Yale Univ., New Haven, Conn.
		Univ. of Iowa, Iowa City, Iowa
		Ohio State Univ., Columbus, Ohio
		Pennsylvania State Univ., University Park, Pa.
Psychology student (postdoctoral)	1	Yale Univ., New Haven, Conn.
Social work student (master's degree)	4	Univ. of Connecticut, Storrs, Conn.
Social work student (baccalaureate)	5	Univ. of New Haven, New Haven, Conn.
		Southern Connecticut State Coll., New Haven, Conn.
Occupational therapist student	1	Univ. of New Hampshire, Durham, N.H.
Physical therapist student	1	South Central Comm. Coll., New Haven, Conn.
Corrective therapist student	3	Univ. of Bridgeport, Bridgeport, Conn.
Blind rehabilitation trainee	6	Boston Coll., Boston, Mass.
Dietetic student	6	Univ. of Connecticut, Storrs, Conn.
		South Central Comm. Coll., New Haven, Conn.
		Coll. of St. Elizabeth, Convent Station, N.J.
Certified laboratory assistant trainee (AMA - approved)	5	Housantonic Comm. Coll., Bridgeport, Conn.
Hospital librarian work-study	3	Southern Connecticut State Coll., New Haven, Conn.
Radiologic technologist trainee (AMA - approved)	21	
Chief nurse trainee	1	
Building management officer trainee	1	
Assistant hospital director trainee	1	
Total	621	

VA CENTER: WILMINGTON, DELAWARE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	19	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Basic nursing student	174	Univ. of Delaware, Newark, Dela.
Psychology student (graduate trg.)	1	Temple Univ., Philadelphia, Pa.
Social work student (master's degree)	2	Univ. of Maryland, Baltimore, Md.
Medical technician trainee	5	Univ. of Delaware, Newark, Dela.
Total	204	

VA HOSPITAL: WASHINGTON, D.C. – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	120	
Medical intern	9	
Career psychiatry resident	1	
Career PM&R resident	1	
Career pathology resident	1	
Dental resident (noncareer)	4	
Dental intern (noncareer)	1	
Career dental resident	1	
Career dental intern	1	
Medical student in second 2 school years	198	George Washington Univ. Georgetown Univ. Howard Univ.
Dental hygienist trainee	12	Howard Univ.
Basic nursing student	168	Catholic Univ. Georgetown Univ. Federal City Coll.
Graduate nursing student	15	Washington Tech. Institute Catholic Univ. Sch. of Nursing
Audiology & speech pathology student (doctoral)	8	Univ. of Maryland, College Park, Md. Catholic Univ. Howard Univ.

Training Program
Audiology & speech pathology student (master's degree)
Audiology & speech pathology student (baccalaureate)
Psychology student (graduate trg.)
Social work student (doctoral)
Social work student (master's degree)
Social work student (baccalaureate)
Physical therapist student
Pharmacy student
Pharmacy assistant trainee
Medical technician trainee
Hospital librarian work-study
Radiologic technologist trainee (AMA - approved)
Medical student anesthesiology trainee
Ophthalmology technician trainee
Chief of staff trainee
Personnel management specialist trainee
Building management officer trainee
Management analyst trainee
Supply management trainee
Hospital director trainee
Miscellaneous physician training
Miscellaneous nurse training
Miscellaneous allied health training
Miscellaneous administrative training
Total

ER: WILMINGTON, DELAWARE – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ncareer)	19	
career)	2	
reer)	1	
t	174	Univ. of Delaware, Newark, Dela.
graduate trg.)	1	Temple Univ., Philadelphia, Pa.
(master's degree)	2	Univ. of Maryland, Baltimore, Md.
rainee	5	Univ. of Delaware, Newark, Dela.
	204	

SPITAL: WASHINGTON, D.C. – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
ncareer)	120	
	9	
sident	1	
nt	1	
ident	1	
career)	4	
reer)	1	
nt	1	
	1	
cond 2 school	198	George Washington Univ. Georgetown Univ. Howard Univ.
nee	12	Howard Univ.
t	168	Catholic Univ. Georgetown Univ. Federal City Coll.
dent	15	Washington Tech. Institute Catholic Univ. Sch. of Nursing
pathology)	8	Univ. of Maryland, College Park, Md. Catholic Univ. Howard Univ.
Audiology & speech pathology student (master's degree)	9	George Washington Univ.
Audiology & speech pathology student (baccalaureate)	2	
Psychology student (graduate trg.)	18	Univ. of Tennessee, Memphis, Tenn. VA Hospital Lyons, N.J.
Social work student (doctoral)	2	Catholic Univ.
Social work student (master's degree)	4	Catholic Univ. Howard Univ.
Social work student (baccalaureate)	2	Catholic Univ.
Physical therapist student	18	Univ. of Pennsylvania, Philadelphia, Pa. Ohio State Univ., Columbus, Ohio Univ. of Puerto Rico, Rio Piedras, P.R. Univ. of Maryland, College Park, Md.
Pharmacy student	1	Howard Univ.
Pharmacy assistant trainee	1	
Medical technician trainee	15	Montgomery Jr. Coll., Takoma Park, Md.
Hospital librarian work-study	2	Univ. of Maryland, College Park, Md.
Radiologic technologist trainee (AMA - approved)	8	Georgetown Univ. Hospital
Medical student anesthesiology trainee	1	George Washington Univ.
Ophthalmology technician trainee	2	Georgetown Univ.
Chief of staff trainee	1	
Personnel management specialist trainee	2	
Building management officer trainee	1	
Management analyst trainee	1	
Supply management trainee	1	
Hospital director trainee	1	
Miscellaneous physician training	4	
Miscellaneous nurse training	1	
Miscellaneous allied health training	11	
Miscellaneous administrative training	13	
Total	661	

VA CENTER: BAY PINES, FLORIDA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	1	
Dental assistant trainee	17	Tomlinson Adult Education Center, St. Petersburg, Fla.
Dental hygienist trainee	66	St. Petersburg Jr. Coll., St. Petersburg, Fla.
Basic nursing student	104	St. Petersburg Jr. Coll., St. Petersburg, Fla.
Audiology & speech pathology student (doctoral)	1	Syracuse Univ., Syracuse, N.Y.
Audiology & speech pathology student (master's degree)	3	Univ. of Florida, Gainesville, Fla. Univ. of Georgia, Athens, Ga. Univ. of South Florida, Tampa, Fla.
Psychology student (graduate trg.)	15	Florida State Univ., Tallahassee, Fla. Univ. of Georgia, Athens, Ga. Univ. of Miami, Coral Gables, Fla. Univ. of South Carolina, Columbia, S.C.
Psychology student (postdoctoral)	1	Florida State Univ., Tallahassee, Fla.
Social work student (master's degree)	5	Florida State Univ., Tallahassee, Fla. School of Social Welfare
Social work student (baccalaureate)	1	Florida Presbyterian Coll., St. Petersburg, Fla.
Building management officer trainee	4	
Total	218	

VA HOSPITAL: GAINESVILLE, FLORIDA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	100	
Medical intern	30	
Career psychiatry resident	4	
Career neurology resident	1	
Dental intern (noncareer)	1	

Training Program	Numbe Trainee
Medical student in first 2 school years	75
Medical student in second 2 school years	175
Basic nursing student	194
Graduate nursing student	9
Nursing intern	6
Audiology & speech pathology student (doctoral)	12
Audiology & speech pathology student (master's degree)	7
Psychology student (graduate trg.)	28
Psychology student (postdoctoral)	1
Psychology student (baccalaureate)	22
Vocational rehabilitation counselor student	23
Social work student (master's degree)	9
Social work student (baccalaureate)	5
Occupational therapist student	37
Physical therapist student	2
Recreation specialist student	32
Pharmacy resident	1
Dietetic intern affiliate	11

BAY PINES, FLORIDA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
r)	1	
	17	Tomlinson Adult Education Center, St. Petersburg, Fla.
	66	St. Petersburg Jr. Coll., St. Petersburg, Fla.
	104	St. Petersburg Jr. Coll., St. Petersburg, Fla.
logy	1	Syracuse Univ., Syracuse, N.Y.
logy e)	3	Univ. of Florida, Gainesville, Fla. Univ. of Georgia, Athens, Ga. Univ. of South Florida, Tampa, Fla.
ate trg.)	15	Florida State Univ., Tallahassee, Fla. Univ. of Georgia, Athens, Ga. Univ. of Miami, Coral Gables, Fla. Univ. of South Carolina, Columbia, S.C.
octoral)	1	Florida State Univ., Tallahassee, Fla.
er's degree)	5	Florida State Univ., Tallahassee, Fla. School of Social Welfare
laureate)	1	Florida Presbyterian Coll., St. Petersburg, Fla.
er trainee	4	
	218	

GAINESVILLE, FLORIDA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
r)	100	
	30	
	4	
	1	
	1	

Training Program	Number of Trainees	Cooperating Institutions
Medical student in first 2 school years	75	Univ. of Florida Coll. of Medicine
Medical student in second 2 school years	175	Univ. of Florida Coll. of Medicine
Basic nursing student	194	Univ. of Florida Coll. of Nursing
Graduate nursing student	9	Univ. of Florida Coll. of Nursing
Nursing intern	6	Univ. of Florida Coll. of Nursing
Audiology & speech pathology student (doctoral)	12	Univ. of Florida Coll. of Health Related Professions
Audiology & speech pathology student (master's degree)	7	Univ. of Florida Coll. of Health Related Professions
Psychology student (graduate trg.)	28	Univ. of Florida Coll. of Health Related Professions Florida State Univ. Coll. of Health Related Professions, Tallahassee, Fla.
Psychology student (postdoctoral)	1	Univ. of Florida Coll. of Health Related Professions
Psychology student (baccalaureate)	22	Univ. of Florida Coll. of Health Related Professions
Vocational rehabilitation counselor student	23	Univ. of Florida Coll. of Health Related Professions Univ. of Kansas Coll. of Health Related Professions, Lawrence, Ks. Univ. of Scranton Coll. of Health Related Professions, Scranton, Pa.
Social work student (master's degree)	9	Florida State Univ. Sch. of Social Science, Tallahassee, Fla.
Social work student (baccalaureate)	5	Univ. of Florida Coll. of Health Related Professions
Occupational therapist student	37	Univ. of Florida Coll. of Health Related Professions
Physical therapist student	2	Univ. of Florida Coll. of Health Related Professions
Recreation specialist student	32	Univ. of Florida Coll. of Health Related Professions
Pharmacy resident	1	Univ. of Florida Coll. of Pharmacy
Dietetic intern affiliate	11	Univ. of Florida Coll. of Health Related Professions

Training Program	Number of Trainees	Cooperating Institutions
Medical technologist student (AMA - approved)	26	Univ. of Florida Coll. of Health Related Professions
Radiologic technologist trainee (AMA - approved)	8	Santa Fe Jr. Coll.
Nurse anesthetist trainee	7	Univ. of Florida Coll. of Medicine
Electroencephalograph technician trainee	9	
Hospital administration resident	1	George Washington Univ. Coll. of Business Admin., Washington, D.C.
Personnel management specialist trainee	2	
Accountant trainee	1	
Graduate hospital administrator trainee	1	Univ. of Florida Coll. of Business Admin.
Assistant hospital director trainee	2	Univ. of Florida Coll. of Business Admin.
Total	842	

VA HOSPITAL: LAKE CITY, FLORIDA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	14	
Medical student in second 2 school years	9	The J. Hillis Miller Medical Sch., Gainesville, Fla. Univ. of Florida
Basic nursing student	50	Lake City Comm. Coll.
Graduate engineer trainee	1	
Total	74	

VA HOSPITAL: MIAMI, FLORIDA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	268	
Medical intern	71	
Career psychiatry resident	1	
Career PM&R resident	4	
Career dental resident	1	

Training Program	Number o Trainees
Medical student in second 2 school years	202
Research & education trainee	4
Dental laboratory technician trainee	1
Basic nursing student	90
Audiology & speech pathology student (doctoral)	2
Psychology student (graduate trg.)	28
Social work student (master's degree)	13
Occupational therapist student	7
Manual arts therapist student	1
Corrective therapist student	3
Physical therapy assistant trainee	1
Pharmacy intern	1
Dietetic intern affiliate	3
Food service worker trainee	15
Medical technologist student (AMA - approved)	3
Medical record librarian trainee	1
Personnel management specialist trainee	1
Accountant trainee	1
Medical administrative trainee	1
Total	723

	Number of Trainees	Cooperating Institutions
	26	Univ. of Florida Coll. of Health Related Professions
	8	Santa Fe Jr. Coll.
	7	Univ. of Florida Coll. of Medicine
	9	
	1	George Washington Univ. Coll. of Business Admin., Washington, D.C.
	2	
	1	
	1	Univ. of Florida Coll. of Business Admin.
	2	Univ. of Florida Coll. of Business Admin.
	842	

KE CITY, FLORIDA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ool	14	
	9	The J. Hillis Miller Medical Sch., Gainesville, Fla. Univ. of Florida
	50	Lake City Comm. Coll.
	1	
	74	

MIAMI, FLORIDA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
	268	
	71	
	1	
	4	
	1	
Medical student in second 2 school years	202	Univ. of Miami
Research & education trainee	4	
Dental laboratory technician trainee	1	Lindsey Hopkins Voc. Center
Basic nursing student	90	Miami Dade Jr. Coll. Barry Coll.
Audiology & speech pathology student (doctoral)	2	Syracuse Univ., Syracuse, N.Y. Univ. of Florida, Gainesville, Fla.
Psychology student (graduate trg.)	28	Florida State Univ., Tallahassee, Fla. Univ. of Florida, Gainesville, Fla. Univ. of Miami Univ. of Georgia, Athens, Ga. Univ. of Tennessee, Memphis, Tenn. Loyola Univ., Chicago, Ill.
Social work student (master's degree)	13	Barry Coll. Florida State Univ., Tallahassee, Fla.
Occupational therapist student	7	Univ. of Florida, Gainesville, Fla. Univ. of Buffalo, Buffalo, N.Y.
Manual arts therapist student	1	Univ. of Miami
Corrective therapist student	3	Univ. of Miami
Physical therapy assistant trainee	1	Lindsey Hopkins Voc. Center
Pharmacy intern	1	North Dakota State Univ., Fargo, N.D.
Dietetic intern affiliate	3	Merrimount Coll., Tarrytown, N.Y.
Food service worker trainee	15	Miami Dade Jr. Coll. Lindsey Hopkins Voc. Center
Medical technologist student (AMA - approved)	3	Univ. of Miami Univ. of Massachusetts, Amherst, Mass. Pennsylvania State Univ., University Park, Pa.
Medical record librarian trainee	1	
Personnel management specialist trainee	1	
Accountant trainee	1	
Medical administrative trainee	1	
Total	723	

VA HOSPITAL: ATLANTA, GEORGIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	144	
Medical intern	21	
Career radiology resident	3	
Dental resident (noncareer)	6	
Dental intern (noncareer)	3	
Medical student in second 2 school years	75	Emory Univ.
Dental student in second 2 school years	79	Emory Univ.
Basic nursing student	103	DeKalb Coll., Clarkston, Ga. Emory Univ. Georgia State Univ.
Audiology & speech pathology student (master's degree)	12	Emory Univ.
Social work student (master's degree)	10	Univ. of Georgia, Athens, Ga. Atlanta Univ.
Dietetic intern affiliate	16	Emory Univ.
Certified laboratory assistant trainee	4	DeKalb Coll., Clarkston, Ga.
Radiologic technologist trainee (AMA - approved)	1	Emory Univ.
Prosthetic representative trainee	1	
Medical student anesthesiology trainee	1	Emory Univ.
Personnel management specialist trainee	1	
Accountant trainee	1	
Management analyst trainee	1	
Total	482	

VA HOSPITAL: AUGUSTA, GEORGIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	86	
Medical intern	28	
Career psychiatry resident	2	
Dental resident (noncareer)	2	
Career dental intern	1	
Medical student in first 2 school years	39	Medical Coll. of Georgia
Medical student in second 2 school years	219	Medical Coll. of Georgia
Research & education trainee	3	
Dental student in first 2 school years	2	M
Dental assistant trainee	2	M
Dental hygienist trainee	17	M
Basic nursing student	99	U A M
Graduate nursing student	4	M
Practical nurse student	124	A
Nursing assistant trainee	3	
Psychology student (graduate trg.)	1	U
Social work student (master's degree)	6	U
Pharmacy intern	1	U
Medical technician trainee	1	
Personnel management specialist trainee	3	
Supply management trainee	2	
Assistant hospital director trainee	1	
Miscellaneous administrative training	2	P
Total	648	

VA CENTER: DUBLIN, GEORGIA – FISCA

Training Program	Number of Trainees	C
Certified laboratory assistant trainee (AMA - approved)	26	
Accountant trainee	1	
Total	27	

NTA, GEORGIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
144	
21	
3	
6	
3	
75	Emory Univ.
79	Emory Univ.
103	DeKalb Coll., Clarkston, Ga. Emory Univ. Georgia State Univ.
12	Emory Univ.
10	Univ. of Georgia, Athens, Ga. Atlanta Univ.
16	Emory Univ.
4	DeKalb Coll., Clarkston, Ga.
1	Emory Univ.
1	
1	Emory Univ.
1	
1	
1	
482	

USTA, GEORGIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
86	
28	
2	
2	
1	
39	Medical Coll. of Georgia
219	Medical Coll. of Georgia
3	

Training Program	Number of Trainees	Cooperating Institutions
Dental student in first 2 school years	2	Medical Coll. of Georgia Sch. of Dentistry
Dental assistant trainee	2	Medical Coll. of Georgia Sch. of Dentistry
Dental hygienist trainee	17	Medical Coll. of Georgia Sch. of Dentistry
Basic nursing student	99	Univ. Hospital Sch. of Nursing Augusta Coll. Medical Coll. of Georgia Sch. of Nursing
Graduate nursing student	4	Medical Coll. of Georgia Sch. of Nursing
Practical nurse student	124	Augusta Voc. Sch. of Practical Nursing
Nursing assistant trainee	3	
Psychology student (graduate trg.)	1	Univ. of South Carolina, Columbia, S.C.
Social work student (master's degree)	6	Univ. of Georgia Sch. of Social Work, Athens, Ga.
Pharmacy intern	1	Univ. of Georgia, Athens, Ga.
Medical technician trainee	1	
Personnel management specialist trainee	3	
Supply management trainee	2	
Assistant hospital director trainee	1	
Miscellaneous administrative training	2	Paine Coll.
Total	648	

VA CENTER: DUBLIN, GEORGIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Certified laboratory assistant trainee (AMA - approved)	26	
Accountant trainee	1	
Total	27	

VA OUTPATIENT CLINIC: HONOLULU, HAWAII – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	2	Univ. of Hawaii, Sch. of Social Work
Total	2	

VA CENTER: BOISE, IDAHO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	121	Boise State Coll. Idaho State Univ., Pocatello, Idaho
Practical nurse student	45	Boise State Coll.
Social work student (baccalaureate)	10	Boise State Coll. Northwest Nazarene Coll., Nampa, Idaho
Medical record technician trainee	5	Boise State Coll.
Personnel management specialist trainee	1	
Total	182	

VA RESEARCH HOSPITAL: CHICAGO, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	159	
Medical intern	29	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Medical student in second 2 school years	131	Northwestern Univ., Sch. of Medicine
Dental student summer research trainee	1	Northwestern Univ. Dental Sch.
Basic nursing student	19	DePaul Univ. Sch. of Nursing
Graduate nursing student	11	DePaul Univ. Sch. of Nursing
Social work student (master's degree)	3	Univ. of Illinois Jane Adams Graduate Sch. of Social Work
Physical therapist student	6	
Medical technologist student (AMA - approved)	6	
Histologic technician trainee	2	
Hemodialysis technician trainee	6	
Cardiopulmonary technician trainee	1	
Operating room technician trainee	2	
Assistant hospital director trainee	1	
Miscellaneous nurse training	1	
Miscellaneous allied health training	3	
Miscellaneous services training	1	
Total	385	

VA WEST SIDE HOSPITAL: CH ILLINOIS – FISCAL YEAR 1

Training Program	Number of Trainees
Medical resident (noncareer)	165
Medical intern	41
Career PM&R resident	1
Dental resident (noncareer)	5
Dental intern (noncareer)	1
Medical student in second 2 school years	182
Research & education trainee	4
Dental assistant trainee	24
Dental hygienist trainee	30
Basic nursing student	116

UTPATIENT CLINIC: HONOLULU, HAWAII – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
's degree)	2	Univ. of Hawaii, Sch. of Social Work
	2	

ER: BOISE, IDAHO – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	121	Boise State Coll. Idaho State Univ., Pocatello, Idaho
	45	Boise State Coll.
aureate)	10	Boise State Coll. Northwest Nazarene Coll., Nampa, Idaho
ainee	5	Boise State Coll.
ialist	1	
	182	

RESEARCH HOSPITAL: CHICAGO, LLINOIS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
)	159	
	29	
	2	
	1	
school	131	Northwestern Univ., Sch. of Medicine
arch	1	Northwestern Univ. Dental Sch.
	19	DePaul Univ. Sch. of Nursing
	11	DePaul Univ. Sch. of Nursing
's degree)	3	Univ. of Illinois Jane Adams Graduate Sch. of Social Work

Training Program	Number of Trainees	Cooperating Institutions
		Loyola Univ. Sch. of Social Work
Physical therapist student	6	Northwestern Univ. Medical Sch.
Medical technologist student (AMA - approved)	6	Univ. of Medical Science, Bangkok, Thailand Univ. of Akron, Akron, Ohio Far Eastern Univ., Manila, Philippines Brigham Young Univ., Salt Lake City, Utah Univ. of the East, Manila, Philippines Univ. of Santa Thomas, Manila, Philippines
Histologic technician trainee	2	Univ. of the East, Manila, Philippines Univ. of Santa Thomas, Manila, Philippines
Hemodialysis technician trainee	6	Malcolm X City Coll.
Cardiopulmonary technician trainee	1	Northwestern Univ.
Operating room technician trainee	2	Northwestern Univ.
Assistant hospital director trainee	1	VA Central Office, Washington, D.C.
Miscellaneous nurse training	1	Passavant Hospital Northwestern Univ.
Miscellaneous allied health training	3	Northwestern Univ.
Miscellaneous services training	1	Loop College
Total	385	

VA WEST SIDE HOSPITAL: CHICAGO, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	165	
Medical intern	41	
Career PM&R resident	1	
Dental resident (noncareer)	5	
Dental intern (noncareer)	1	
Medical student in second 2 school years	182	Univ. of Illinois
Research & education trainee	4	
Dental assistant trainee	24	Univ. of Illinois Loop Coll.
Dental hygienist trainee	30	Northwestern Univ.
Basic nursing student	116	Univ. of Illinois

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	68	Board of Education, St. Frances X Cabrini Sch. of Practical Nursing
Audiology & speech pathology student (master's degree)	2	DePaul Univ. Northwestern Univ., Evanston, Ill.
Psychology student (graduate trg.)	30	Univ. of Illinois Loyola Univ.
Social work student (master's degree)	14	Univ. of Illinois Univ. of Chicago Loyola Univ.
Dietetic intern	1	VA Hospital Hines, Ill.
Certified laboratory assistant trainee (AMA - approved)	11	Board of Education
Supply management trainee	1	
Total	696	

VA HOSPITAL: DANVILLE, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	13	Indiana State Univ., Terre Haute, Ind.
Psychology student (graduate trg.)	19	Univ. of Illinois, Urbana, Ill. Southern Illinois Univ., Carbondale, Ill. Purdue Univ., West Lafayette, Ind.
Social work student (master's degree)	3	Univ. of Illinois, Urbana, Ill.
Manual arts therapist student	2	Southern Illinois Univ., Carbondale, Ill. Eastern Illinois Univ., Charleston, Ill.
Laundry superintendent trainee	1	
Total	38	

VA HOSPITAL: DOWNEY, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Career psychiatry resident	2	

Training Program	Number Trainees
Dental assistant trainee	19
Basic nursing student	162
Practical nurse student	146
Psychology student (graduate trg.)	10
Psychology student (baccalaureate)	9
Social work student (master's degree)	5
Recreation specialist student	2
Dietetic intern	15
Medical technician trainee	1
Personnel management specialist trainee	1
Miscellaneous physician training	2
Total	376

VA HOSPITAL: HINES, ILLINO

Training Program	Numbe Trainee
Medical resident (noncareer)	152
Medical intern	6
Career psychiatry resident	1
Career PM&R resident	1
Career radiology resident	5
Career pathology resident	1
Dental resident (noncareer)	8
Dental intern (noncareer)	3
Career dental resident	1

	Number of Trainees	Cooperating Institutions
	68	Board of Education, St. Frances X Cabrini Sch. of Practical Nursing
thology gree)	2	DePaul Univ. Northwestern Univ., Evanston, Ill.
duate trg.)	30	Univ. of Illinois Loyola Univ.
aster's degree)	14	Univ. of Illinois Univ. of Chicago Loyola Univ.
	1	VA Hospital Hines, Ill.
stant oved)	11	Board of Education
inee	1	
	696	

TAL: DANVILLE, ILLINOIS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	13	Indiana State Univ., Terre Haute, Ind.
aduate trg.)	19	Univ. of Illinois, Urbana, Ill. Southern Illinois Univ., Carbondale, Ill. Purdue Univ., West Lafayette, Ind.
aster's degree)	3	Univ. of Illinois, Urbana, Ill.
tudent	2	Southern Illinois Univ., Carbondale, Ill. Eastern Illinois Univ., Charleston, Ill.
t trainee	1	
	38	

TAL: DOWNEY, ILLINOIS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
areer)	2	
ent	2	

Training Program	Number of Trainees	Cooperating Institutions
Dental assistant trainee	19	Kenosha Tech. Institute, Kenosha, Wisc. Coll. of Lake County, Grayslake, Ill.
Basic nursing student	162	William Rainey Harper Coll., Elk Grove, Ill. Loyola Univ. Sch. of Nursing, Chicago, Ill. Coll. of Lake County, Grayslake, Ill.
Practical nurse student	146	Kenosha Tech. Institute, Kenosha, Wisc.
Psychology student (graduate trg.)	10	Univ. of Chicago, Chicago, Ill. Loyola Univ., Chicago, Ill.
Psychology student (baccalaureate)	9	Northeastern Illinois St. Coll., Chicago, Ill.
Social work student (master's degree)	5	Jane Adams Sch. of Social Work, Univ. of Chicago, Chicago, Ill. Loyola Univ., Chicago, Ill.
Recreation specialist student	2	Univ. of Kansas, Lawrence, Kansas Northeastern Illinois St. Coll., Chicago, Ill.
Dietetic intern	15	VA Hospital Hines, Ill.
Medical technician trainee	1	Luther Coll., Decorah, Iowa
Personnel management specialist trainee	1	
Miscellaneous physician training	2	Medical Coll. of Wisconsin Medical Sch., Milwaukee, Wisc. Northeastern Univ., Chicago, Ill.
Total	376	

VA HOSPITAL: HINES, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	152	
Medical intern	6	
Career psychiatry resident	1	
Career PM&R resident	1	
Career radiology resident	5	
Career pathology resident	1	
Dental resident (noncareer)	8	
Dental intern (noncareer)	3	
Career dental resident	1	

Training Program	Number of Trainees	Cooperating Institutions
Medical student in first 2 school years	108	Univ. of Illinois Medical Sch., Chicago, Ill. Loyola Univ., Stritch Sch. of Medicine Chicago Medical Sch., Chicago, Ill. Northwestern Univ. Medical Sch., Chicago, Ill.
Medical student in second 2 school years	379	Univ. of Illinois Medical Sch., Chicago, Ill. Loyola Univ., Stritch Sch. of Medicine Chicago Medical Sch., Chicago, Ill. Northwestern Univ. Medical Sch., Chicago, Ill.
Dental student in second 2 school years	1	Northwestern Univ. Dental Sch., Chicago, Ill.
Basic nursing student	135	Oak Park Hospital, Oak Park, Ill. West Surburban Hospital, Oak Park, Ill. St. Bernard's Hospital, Chicago, Ill. Silver Cross Hospital, Joliet, Ill. Triton Coll., River Grove, Ill.
Audiology & speech pathology student (master's degree)	2	Western Michigan Univ., Kalamazoo, Mich.
Psychology student (graduate trg.)	9	Loyola Univ., Chicago, Ill. Univ. of Chicago, Chicago, Ill.
Social work student (master's degree)	12	Univ. of Chicago, Chicago, Ill. Univ. of Illinois Chicago Circle Campus, Chicago, Ill. Loyola Univ., Chicago, Ill. George Williams Coll., Downers Grove, Ill.
Social work student (baccalaureate)	1	Elmhurst Coll., Elmhurst, Ill.
Occupational therapist student	23	Univ. of Wisconsin, Madison, Wisc. Univ. of Minnesota, Minneapolis, Minn. Mount Mary Coll., Milwaukee, Wisc.

Training Program	Nu Tra
Physical therapist student	
Manual arts therapist student	
Corrective therapist student	
Blind rehabilitation trainee	
Pharmacy resident	
Dietetic intern	

	Number of Trainees	Cooperating Institutions
t 2 school	108	Univ. of Illinois Medical Sch., Chicago, Ill. Loyola Univ., Stritch Sch. of Medicine Chicago Medical Sch., Chicago, Ill. Northwestern Univ. Medical Sch., Chicago, Ill.
cond 2 school	379	Univ. of Illinois Medical Sch., Chicago, Ill. Loyola Univ., Stritch Sch. of Medicine Chicago Medical Sch., Chicago, Ill. Northwestern Univ. Medical Sch., Chicago, Ill.
ond 2 school	1	Northwestern Univ. Dental Sch., Chicago, Ill.
	135	Oak Park Hospital, Oak Park, Ill. West Surburban Hospital, Oak Park, Ill. St. Bernard's Hospital, Chicago, Ill. Silver Cross Hospital, Joliet, Ill. Triton Coll., River Grove, Ill.
pathology (degree)	2	Western Michigan Univ., Kalamazoo, Mich.
graduate trg.)	9	Loyola Univ., Chicago, Ill. Univ. of Chicago, Chicago, Ill.
(master's degree)	12	Univ. of Chicago, Chicago, Ill. Univ. of Illinois Chicago Circle Campus, Chicago, Ill. Loyola Univ., Chicago, Ill. George Williams Coll., Downers Grove, Ill.
(baccalaureate)	1	Elmhurst Coll., Elmhurst, Ill.
ist student	23	Univ. of Wisconsin, Madison, Wisc. Univ. of Minnesota, Minneapolis, Minn. Mount Mary Coll., Milwaukee, Wisc.

Training Program	Number of Trainees	Cooperating Institutions
		Western Michigan Univ., Kalamazoo, Mich. Ohio State Univ., Columbus, Ohio Colorado State Univ., Ft. Collins, Colo. Alabama State Univ., Birmingham, Ala. Wayne State Univ., Detroit, Mich. Univ. of New Hampshire, Durham, N.H.
Physical therapist student	40	Northwestern Univ., Chicago, Ill. Marquette Univ., Milwaukee, Wisc. Univ. of Wisconsin, Madison, Wisc.
Manual arts therapist student	3	Stout State Univ., Menomonie, Wisc.
Corrective therapist student	2	DePaul Univ., Chicago, Ill.
Blind rehabilitation trainee	15	Western Michigan Univ., Kalamazoo, Mich.
Pharmacy resident	2	Univ. of Illinois Coll. of Pharmacy, Chicago, Ill.
Dietetic intern	37	Iowa State Univ., Ames, Iowa Mundelein Coll., Chicago, Ill. Fontbonne Coll., St. Louis, Mo. Northern Illinois Univ., DeKalb, Ill. Western Michigan Univ., Kalamazoo, Mich. Tennessee State Coll., Nashville, Tenn. North Dakota State Univ., Fargo, N.D. Cardinal Stritch Coll., Milwaukee, Wisc. Marycrest Coll., Davenport, Iowa Coll. of Misericordia, Dallas, Penn. Clark Coll., Dubuque, Iowa Plattsburg State Coll., Plattsburg, N.Y. Univ. of Delaware, Newark, Dela. Stout State Univ., Menomonie, Wisc.

Training Program	Number of Trainees	Cooperating Institutions
		Philander Smith Coll., Little Rock, Ark. Coll. of St. Teresa, Winona, Minn. Mount Mary Coll., Milwaukee, Wisc.
Radiologic technologist trainee (AMA - approved)	15	Triton Coll., River Grove, Ill. Central YMCA Comm. Coll., Chicago, Ill.
Nuclear medicine technician trainee (AMA - approved)	2	
Veterinary medical resident investigator trainee	10	
Personnel management specialist trainee	3	
Management analyst trainee	1	
Supply management trainee	1	
Miscellaneous physician training	1	Chicago Medical Sch., Chicago, Ill. Loyola Univ., Stritch Sch. of Medicine
Total	980	

VA HOSPITAL: MARION, ILLINOIS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Nursing assistant trainee	19	Marion High School
Total	19	

VA HOSPITAL: FORT WAYNE, INDIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Dental assistant trainee	5	Indiana Univ.
Dental hygienist trainee	25	Indiana Univ.
Basic nursing student	76	Purdue Univ.
Social work student (baccalaureate)	2	Atlanta Univ., Atlanta, Ga.
Dietetic intern	1	VA Hospital Hines, Ill.
Total	111	

VA HOSPITAL: INDIANAPOLIS, IND

Training Program	Number Trainees
Medical resident (noncareer)	169
Medical intern	51
Career psychiatry resident	1
Career neurology resident	1
Career anesthesiology resident	2
Dental resident (noncareer)	5
Dental intern (noncareer)	2
Career dental resident	1
Medical student in first 2 school years	173
Medical student in second 2 school years	146
Basic nursing student	278
Graduate nursing student	19
Psychology student (graduate trg.)	6
Social work student (master's degree)	15
Occupational therapist student	20
Physical therapist student	53
Manual arts therapist student	1
Pharmacy intern	3
Pharmacy resident	4
Dietetic intern	2
Radiologic technologist trainee (AMA - approved)	40
Medical record librarian trainee (AMA - approved)	4
Nuclear medicine technologist trainee (AMA - approved)	1
Chief nurse trainee	1
Associate chief nurse, nursing education, trainee	1
Hospital director trainee	1
Miscellaneous nurse training	10
Total	1,010

	Number of Trainees	Cooperating Institutions
		Philander Smith Coll., Little Rock, Ark.
		Coll. of St. Teresa, Winona, Minn.
		Mount Mary Coll., Milwaukee, Wisc.
	15	Triton Coll., River Grove, Ill.
		Central YMCA Comm. Coll., Chicago, Ill.
	2	
	10	
t	3	
	1	
	1	
	1	Chicago Medical Sch., Chicago, Ill.
		Loyola Univ., Stritch Sch. of Medicine
	980	

ARION, ILLINOIS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	19	Marion High School
	19	

HOSPITAL: FORT WAYNE, ANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	2	
	5	Indiana Univ.
	25	Indiana Univ.
	76	Purdue Univ.
ate)	2	Atlanta Univ., Atlanta, Ga.
	1	VA Hospital Hines, Ill.
	111	

VA HOSPITAL: INDIANAPOLIS, INDIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	169	
Medical intern	51	
Career psychiatry resident	1	
Career neurology resident	1	
Career anesthesiology resident	2	
Dental resident (noncareer)	5	
Dental intern (noncareer)	2	
Career dental resident	1	
Medical student in first 2 school years	173	Indiana Univ. Sch. of Medicine
Medical student in second 2 school years	146	Indiana Univ. Sch. of Medicine
Basic nursing student	278	Indiana Univ. Sch. of Nursing
Graduate nursing student	19	Indiana Univ. Sch. of Nursing
Psychology student (graduate trg.)	6	VA Center Dayton, Ohio VA Hospital Jefferson Barracks, Mo.
Social work student (master's degree)	15	Atlanta Sch. of Social Work, Atlanta, Ga. Indiana Univ. Purdue Univ., Lafayette, Ind.
Occupational therapist student	20	Indiana Univ. Purdue Univ., Lafayette, Ind.
Physical therapist student	53	Indiana Univ. Purdue Univ., Lafayette, Ind.
Manual arts therapist student	1	Indiana Univ. Purdue Univ., Lafayette, Ind.
Pharmacy intern	3	Purdue Univ., Lafayette, Ind. Butler Univ.
Pharmacy resident	4	Purdue Univ., Lafayette, Ind. Butler Univ.
Dietetic intern	2	VA Hospital Hines, Ill.
Radiologic technologist trainee (AMA - approved)	40	Indiana Univ. Sch. of Medicine
Medical record librarian trainee (AMA - approved)	4	Indiana Univ.
Nuclear medicine technologist trainee (AMA - approved)	1	Indiana Univ. Sch. of Medicine
Chief nurse trainee	1	
Associate chief nurse, nursing education, trainee	1	
Hospital director trainee	1	
Miscellaneous nurse training	10	
Total	1,010	

VA HOSPITAL: MARION, INDIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	13	Purdue Univ., West Lafayette, Ind.
Social work student (master's degree)	3	Atlanta Univ., Atlanta, Ga.
Social work student (baccalaureate)	11	Ball State Univ., Muncie, Ind. Anderson Coll., Anderson, Ind.
Personnel management specialist trainee	1	
Total	28	

VA HOSPITAL: DES MOINES, IOWA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	39	
Dental assistant trainee	11	Des Moines Area Comm. Coll., Ankeny, Iowa
Basic nursing student	38	Broadlawns Polk County Hospital
Practical nurse student	21	Des Moines Area Comm. Coll., Ankeny, Iowa
Psychology student (graduate trg.)	2	VA Hospital Jefferson Barracks, St. Louis, Mo.
Social work student (master's degree)	6	Univ. of Iowa, Iowa City, Iowa
Occupational therapy assistant trainee	11	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Pharmacy student	25	Drake Univ. Sch. of Pharmacy
Dietetic intern	1	VA Hospital Hines, Illinois
Medical technician trainee	19	Des Moines Area Comm. Coll., Ankeny, Iowa
Nurse anesthetist trainee	8	Broadlawns Polk County Hospital Mary Frances Skiff Memorial Hospital, Newton, Iowa
Operating room technician trainee	9	Des Moines Area Comm. Coll., Ankeny, Iowa
Personnel management specialist trainee	2	
Building management officer trainee	2	
Total	194	

VA HOSPITA
IOWA – FISC

Training Program	Nu Tr
Medical resident (noncareer)	
Medical intern	
Dental resident (noncareer)	
Dental intern (noncareer)	
Medical student in second 2 school years	
Research & education trainee	
Dental student in first 2 school years	
Dental student in second 2 school years	
Dental laboratory technician trainee	
Basic nursing student	
Graduate nursing student	
Audiology & speech pathology student (doctoral)	
Psychology student (graduate trg.)	
Vocational rehabilitation counselor student	
Social work student (master's degree)	
Pharmacology clinical trainee	
Pharmacy intern	
Pharmacy resident	
Pharmacy student	
Pharmacy assistant trainee	
Medical technologist student (AMA - approved)	
Hospital librarian work-study	
Orthopedic assistant trainee (AMA - approved)	
Hospital administration resident	
Accountant trainee	
Supply management trainee	
Assistant hospital director trainee	
Miscellaneous allied health training	
Miscellaneous administrative training	
Miscellaneous services training	
Total	

VA HOSPITAL: MARION, INDIANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ate trg.)	13	Purdue Univ., West Lafayette, Ind.
er's degree)	3	Atlanta Univ., Atlanta, Ga.
alaureate)	11	Ball State Univ., Muncie, Ind. Anderson Coll., Anderson, Ind.
ecialist	1	
	28	

VA HOSPITAL: DES MOINES, IOWA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	39	
	11	Des Moines Area Comm. Coll., Ankeny, Iowa
	38	Broadlawns Polk County Hospital
	21	Des Moines Area Comm. Coll., Ankeny, Iowa
uate trg.)	2	VA Hospital Jefferson Barracks, St. Louis, Mo.
ter's degree)	6	Univ. of Iowa, Iowa City, Iowa
istant	11	Kirkwood Comm. Coll., Cedar Rapids, Iowa
	25	Drake Univ. Sch. of Pharmacy
	1	VA Hospital Hines, Illinois
e	19	Des Moines Area Comm. Coll., Ankeny, Iowa
	8	Broadlawns Polk County Hospital Mary Frances Skiff Memorial Hospital, Newton, Iowa
an trainee	9	Des Moines Area Comm. Coll., Ankeny, Iowa
ecialist	2	
icer trainee	2	
	194	

VA HOSPITAL: IOWA CITY, IOWA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	228	
Medical intern	25	
Dental resident (noncareer)	6	
Dental intern (noncareer)	1	
Medical student in second 2 school years	185	Univ. of Iowa
Research & education trainee	3	Univ. of Iowa
Dental student in first 2 school years	1	Univ. of Iowa
Dental student in second 2 school years	1	Univ. of Iowa
Dental laboratory technician trainee	1	Univ. of Iowa
Basic nursing student	271	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Graduate nursing student	7	Univ. of Iowa
Audiology & speech pathology student (doctoral)	13	Univ. of Iowa
Psychology student (graduate trg.)	11	Univ. of Iowa
Vocational rehabilitation counselor student	3	Univ. of Iowa
Social work student (master's degree)	2	Univ. of Iowa
Pharmacology clinical trainee	2	Univ. of Iowa
Pharmacy intern	1	Univ. of Iowa
Pharmacy resident	1	Univ. of Iowa
Pharmacy student	1	Univ. of Iowa
Pharmacy assistant trainee	1	Univ. of Iowa
Medical technologist student (AMA - approved)	32	Univ. of Iowa
Hospital librarian work-study	2	Univ. of Iowa
Orthopedic assistant trainee (AMA - approved)	11	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Hospital administration resident	1	Univ. of Iowa
Accountant trainee	2	Univ. of Iowa
Supply management trainee	1	
Assistant hospital director trainee	1	
Miscellaneous allied health training	29	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Miscellaneous administrative training	6	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Miscellaneous services training	2	Kirkwood Comm. Coll., Cedar Rapids, Iowa
Total	851	

VA HOSPITAL: KNOXVILLE, IOWA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Osteopathy student	70	Coll. of Osteopathic Medicine and Surgery, Des Moines, Iowa
Basic nursing student	124	Iowa Methodist Hospital, Des Moines, Iowa Memorial Hospital at Burlington, Burlington, Iowa Iowa Tech., Area 15 Comm. Coll., Ottumwa, Iowa
Psychology student (baccalaureate)	1	Wartburg Coll., Waverly, Iowa
Social work student (master's degree)	4	Univ. of Iowa Sch. of Social Work, Iowa City, Iowa
Social work student (baccalaureate)	3	Drake Univ., Des Moines, Iowa Central Coll., Pella, Iowa William Penn Coll., Oskaloosa, Iowa
Occupational therapy assistant trainee	4	Area Ten, Comm. Coll., Cedar Rapids, Iowa
General hospital services orientation	12	Twin Cedars Comm. High School, Bussey, Iowa
Total	218	

VA CENTER: LEAVENWORTH, KANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	6	
Dental resident (noncareer)	4	
Dental intern (noncareer)	1	
Career dental resident	3	
Career dental intern	1	
Dental student in second 2 school years	4	Univ. of Missouri, Kansas City, Mo.
Basic nursing student	45	Trinity Lutheran Hospital, Kansas City, Mo. Bethany Hospital, Kansas City, Kansas
Psychology student (graduate trg.)	15	Univ. of Kansas, Lawrence, Kansas
Social work student (master's degree)	4	
Physical therapist student	25	
Pharmacy student	6	
Podiatry student	8	
General hospital services orientation	13	
Total	135	

VA HOSPITAL: TOPEKA, KANSAS – FIS

Training Program	Number of Trainees
Medical resident (noncareer)	24
Career psychiatry resident	10
Basic nursing student	94
Audiology & speech pathology student (baccalaureate)	7
Psychology student (graduate trg.)	14
Social work student (master's degree)	7
Occupational therapist student	8
Manual arts therapist student	5
Recreation specialist student	1
Accountant trainee	1
Director, voluntary service trainee	1
Total	172

HOSPITAL: KNOXVILLE,
VA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	70	Coll. of Osteopathic Medicine and Surgery, Des Moines, Iowa
	124	Iowa Methodist Hospital, Des Moines, Iowa Memorial Hospital at Burlington, Burlington, Iowa Iowa Tech., Area 15 Comm. Coll., Ottumwa, Iowa
te)	1	Wartburg Coll., Waverly, Iowa
gree)	4	Univ. of Iowa Sch. of Social Work, Iowa City, Iowa
te)	3	Drake Univ., Des Moines, Iowa Central Coll., Pella, Iowa William Penn Coll., Oskaloosa, Iowa
	4	Area Ten, Comm. Coll., Cedar Rapids, Iowa
	12	Twin Cedars Comm. High School, Bussey, Iowa
	218	

ENWORTH, KANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
	6	
	4	
	1	
	3	
	1	
ol		
	4	Univ. of Missouri, Kansas City, Mo.
	45	Trinity Lutheran Hospital, Kansas City, Mo. Bethany Hospital, Kansas City, Kansas
.)	15	Univ. of Kansas, Lawrence, Kansas
Social work student (master's degree)	4	Univ. of Kansas, Lawrence, Kansas
Physical therapist student	25	Univ. of Kansas, Lawrence, Kansas
Pharmacy student	6	Univ. of Kansas, Lawrence, Kansas
Podiatry student	8	Ohio Coll. of Podiatric Medicine, Cleveland, Ohio
General hospital services orientation	13	Leavenworth Senior High Sch.
Total	135	

VA HOSPITAL: TOPEKA, KANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	24	
Career psychiatry resident	10	
Basic nursing student	94	Research Hospital and Medical Center Sch. of Nursing, Kansas City, Mo. Marymount Coll. of Kansas, Salina, Kansas
Audiology & speech pathology student (baccalaureate)	7	Kansas State Univ. Coll. of Arts and Sciences, Manhattan, Kansas
Psychology student (graduate trg.)	14	Univ. of Kansas Coll. of Liberal Arts and Sciences, Lawrence, Kansas
Social work student (master's degree)	7	Univ. of Kansas Coll. of Liberal Arts and Sciences, Sch. of Social Work, Lawrence, Kansas
Occupational therapist student	8	Univ. of Kansas Sch. of Fine Arts, Lawrence, Kansas Univ. of Iowa, Iowa City, Iowa Indiana Univ., Bloomington, Ind.
Manual arts therapist student	5	Emporia State Teachers Coll., Emporia, Kansas
Recreation specialist student	1	Washburn Univ., Topeka, Kansas
Accountant trainee	1	
Director, voluntary service trainee	1	
Total	172	

VA CENTER: WICHITA, KANSAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	15	
Dental hygienist trainee	5	Wichita Dental Hygiene Sch.
Basic nursing student	7	Wichita State Univ.
Audiology & speech pathology student (master's degree)	11	Wichita State Univ.
Social work student (baccalaureate)	1	Wichita State Univ.
Student assistant trainee	1	Friends Univ.
Total	40	

VA HOSPITAL: LEXINGTON, KENTUCKY – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	52	
Medical intern	37	
Career radiology resident	1	
Dental resident (noncareer)	3	
Medical student in second 2 school years	151	Univ. of Kentucky
Dental hygienist trainee	13	Univ. of Kentucky
Dental laboratory technician trainee	9	Univ. of Kentucky
Basic nursing student	235	Univ. of Kentucky Eastern Kentucky State Univ., Richmond, Ky. Midway Jr. Coll., Midway, Ky. Kentucky State Coll., Frankfort, Ky.
Psychology student (graduate trg.)	7	Univ. of Kentucky Univ. of Southern Mississippi, Hattiesburg, Miss. Louisiana State Univ., New Orleans, La.
Psychology student (baccalaureate)	10	Eastern Kentucky State Univ., Richmond, Ky.
Social work student (master's degree)	5	Kent Sch. of Social Work, Louisville, Ky.
Social work student (baccalaureate)	6	Kent Sch. of Social Work, Louisville, Ky.
Physical therapist student	21	Univ. of Kentucky
Manual arts therapist student	2	Eastern Kentucky State Univ., Richmond, Ky.
Corrective therapist student	13	Eastern Kentucky State Univ., Richmond, Ky.
Recreation specialist student	2	Eastern Kentucky State Univ., Richmond, Ky.
Dietetic intern affiliate	6	Univ. of Kentucky

Training Program	Number of Trainees
Dietetic student	4
Hospital librarian work-study	1
Hospital librarian student	7
Inhalation therapy technician trainee (AMA - approved)	21
Electroencephalograph technician trainee	1
Chief nurse trainee	1
Total	608

VA HOSPITAL: LOUISVILLE, KENTUCK

Training Program	Number of Trainees
Medical resident (noncareer)	84
Medical intern	4
Career psychiatry resident	2
Career pathology resident	1
Dental resident (noncareer)	5
Career dental intern	1
Medical student in second 2 school years	185
Dental hygienist trainee	56
Basic nursing student	142
Practical nurse student	13
Audiology & speech pathology student (master's degree)	8
Psychology student (graduate trg.)	6
Social work student (master's degree)	3
Physical therapist student	8
Corrective therapist student	3
Medical technologist student (AMA - approved)	7
Histologic technician trainee	1
Supply management trainee	1
Total	530

TA, KANSAS – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
15	
5	Wichita Dental Hygiene Sch.
7	Wichita State Univ.
11	Wichita State Univ.
1	Wichita State Univ.
1	Friends Univ.
40	

ON, KENTUCKY – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
52	
37	
1	
3	
151	Univ. of Kentucky
13	Univ. of Kentucky
9	Univ. of Kentucky
235	Univ. of Kentucky Eastern Kentucky State Univ., Richmond, Ky. Midway Jr. Coll., Midway, Ky. Kentucky State Coll., Frankfort, Ky.
7	Univ. of Kentucky Univ. of Southern Mississippi, Hattiesburg, Miss. Louisiana State Univ., New Orleans, La.
10	Eastern Kentucky State Univ., Richmond, Ky.
5	Kent Sch. of Social Work, Louisville, Ky.
6	Kent Sch. of Social Work, Louisville, Ky.
21	Univ. of Kentucky
2	Eastern Kentucky State Univ., Richmond, Ky.
13	Eastern Kentucky State Univ., Richmond, Ky.
2	Eastern Kentucky State Univ., Richmond, Ky.
6	Univ. of Kentucky

Training Program	Number of Trainees	Cooperating Institutions
Dietetic student	4	Eastern Kentucky State Univ., Richmond, Ky.
Hospital librarian work-study	1	Univ. of Kentucky
Hospital librarian student	7	Univ. of Kentucky
Inhalation therapy technician trainee (AMA - approved)	21	Univ. of Kentucky
Electroencephalograph technician trainee	1	Univ. of Kentucky
Chief nurse trainee	1	
Total	608	

VA HOSPITAL: LOUISVILLE, KENTUCKY – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	84	
Medical intern	4	
Career psychiatry resident	2	
Career pathology resident	1	
Dental resident (noncareer)	5	
Career dental intern	1	
Medical student in second 2 school years	185	Univ. of Louisville Sch. of Medicine
Dental hygienist trainee	56	Univ. of Louisville Sch. of Dentistry
Basic nursing student	142	Spalding Coll. Jefferson Comm. Coll.
Practical nurse student	13	Jefferson County Area Voc. Sch., Jeffersontown, Ky.
Audiology & speech pathology student (master's degree)	8	Indiana Univ., Bloomington, Ind.
Psychology student (graduate trg.)	6	Univ. of Louisville
Social work student (master's degree)	3	Kent Sch. of Social Work, Univ. of Louisville
Physical therapist student	8	Indiana Univ., Bloomington, Ind.
Corrective therapist student	3	Kentucky State Coll., Frankfort, Ky.
Medical technologist student (AMA - approved)	7	Univ. of Louisville Sch. of Medicine
Histologic technician trainee	1	
Supply management trainee	1	
Total	530	

VA HOSPITAL: ALEXANDRIA, LOUISIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	24	
Medical student in second 2 school years	1	Tulane Univ. Sch. of Medicine, New Orleans, La.
Manual arts therapist student	1	Northwestern State Univ., Natchitoches, La.
Recreation specialist student	5	Grambling Coll., Grambling, La.
Accountant trainee	1	
Total	32	

VA HOSPITAL: NEW ORLEANS, LOUISIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	75	
Medical intern	22	
Dental intern (noncareer)	1	
Medical student in second 2 school years	407	Tulane Medical Sch. Louisiana State Univ. Medical Sch.
Dental hygienist trainee	22	Loyola Univ.
Basic nursing student	242	Touro Inf. Charity Hospital Louisiana State Univ. Sch. of Nursing Nicholls State Univ., Thibodaux, La.
Audiology & speech pathology student (doctoral)	1	Louisiana State Univ. Medical Sch. Tulane Medical Sch.
Audiology & speech pathology student (master's degree)	4	Louisiana State Univ. Medical Sch. Tulane Medical Sch.
Psychology student (graduate trg.)	25	Louisiana State Univ., Baton Rouge, La. Univ. of Georgia, Athens, Ga. Univ. of Texas, Austin, Texas Emory Univ., Atlanta, Ga. Florida State Univ., Tallahassee, Fla.

Training Program	Numbe Trainee
Social work student (master's degree)	11
Medical technologist student (AMA - approved)	10
Pathologist's assistant trainee	1
Autopsy assistant trainee	3
Accountant trainee	1
Total	825

VA HOSPITAL: SHREVEPORT, LOU

Training Program	Numbe Trainee
Medical resident (noncareer)	31
Career pathology resident	1
Basic nursing student	162
Psychology student (postdoctoral)	2
Social work student (master's degree)	1
Recreation specialist student	5
Dietetic student	4
Personnel management specialist trainee	2
Building management officer trainee	1
Assistant hospital director trainee	1
Total	210

XANDRIA, LOUISIANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	24	
hool	1	Tulane Univ. Sch. of Medicine, New Orleans, La.
	1	Northwestern State Univ., Natchitoches, La.
	5	Grambling Coll., Grambling, La.
	1	
	32	

ORLEANS, LOUISIANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	75	
	22	
hool	1	
	407	Tulane Medical Sch. Louisiana State Univ. Medical Sch.
	22	Loyola Univ.
	242	Touro Inf. Charity Hospital Louisiana State Univ. Sch. of Nursing Nicholls State Univ., Thibodaux, La.
	1	Louisiana State Univ. Medical Sch. Tulane Medical Sch.
	4	Louisiana State Univ. Medical Sch. Tulane Medical Sch.
rg.)	25	Louisiana State Univ., Baton Rouge, La. Univ. of Georgia, Athens, Ga. Univ. of Texas, Austin, Texas Emory Univ., Atlanta, Ga. Florida State Univ., Tallahassee, Fla.

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	11	Louisiana State Univ., Baton Rouge, La. Tulane Univ.
Medical technologist student (AMA - approved)	10	Southeastern Louisiana Univ., Hammond, La. Dominican Coll. Xavier Univ. Louisiana State Univ.
Pathologist's assistant trainee	1	
Autopsy assistant trainee	3	
Accountant trainee	1	
Total	825	

VA HOSPITAL: SHREVEPORT, LOUISIANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	31	
Career pathology resident	1	
Basic nursing student	162	Northwestern State Univ. Sch. of Nursing, Natchitoches, La. Confederate Memorial Medical Center Sch. of Nursing
Psychology student (postdoctoral)	2	Northwestern State Univ., Natchitoches, La.
Social work student (master's degree)	1	Louisiana State Univ., Baton Rouge, La.
Recreation specialist student	5	Grambling Coll., Grambling, La.
Dietetic student	4	Grambling Coll., Grambling, La.
Personnel management specialist trainee	2	
Building management officer trainee	1	
Assistant hospital director trainee	1	
Total	210	

VA CENTER: TOGUS, MAINE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	3	
Basic Nursing student	23	Westbrook Coll., Portland, Maine
Psychology student (graduate trg.)	3	Univ. of Maine Graduate Sch., Orono, Maine Columbia Univ., New York, N.Y.
Corrective therapist student	1	Univ. of Maine, Orono, Maine
Radiologic technologist trainee	18	Augusta General Hospital, Augusta, Maine
Total	48	

VA HOSPITAL: BALTIMORE, MARYLAND – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	54	
Medical intern	34	
Career dental intern	1	
Medical student in second 2 school years	100	Univ. of Maryland Sch. of Medicine Johns Hopkins Univ.
Basic nursing student	18	Univ. of Maryland Sch. of Nursing
Psychology student (graduate trg.)	11	Catholic Univ., Washington, D.C. Univ. of Maryland Sch. of Medicine
Alcoholism rehabilitation counselor trainee	6	Dept. of Health City of Baltimore
Social work student (master's degree)	8	Univ. of Maryland Sch. of Medicine School of Social Work
Social work student (baccalaureate)	3	Univ. of Maryland Sch. of Medicine
Nurse anesthetist trainee	5	Johns Hopkins Univ.
Personnel management specialist trainee	1	
Total	241	

VA HOSPITAL: FORT HOWARD, MARY

Training Program	Number Trainees
Medical resident (noncareer)	14
Audiology & speech pathology student (master's degree)	14
Personnel management specialist trainee	2
General hospital services orientation	11
Miscellaneous dentist training	1
Total	42

VA HOSPITAL: PERRY POINT, MARY

Training Program	Number Trainees
Medical resident (noncareer)	1
Career psychiatry resident	2
Medical student in second 2 school years	2
Basic nursing student	16
Psychology student (graduate trg.)	9
Social work student (master's degree)	9
Personnel management specialist trainee	1
Total	40

ER: TOGUS, MAINE – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	3	
	23	Westbrook Coll., Portland, Maine
ate trg.)	3	Univ. of Maine Graduate Sch., Orono, Maine Columbia Univ., New York, N.Y.
nt	1	Univ. of Maine, Orono, Maine
ainee	18	Augusta General Hospital, Augusta, Maine
	48	

BALTIMORE, MARYLAND – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	54	
	34	
	1	
2 school	100	Univ. of Maryland Sch. of Medicine Johns Hopkins Univ.
	18	Univ. of Maryland Sch. of Nursing
uate trg.)	11	Catholic Univ., Washington, D.C. Univ. of Maryland Sch. of Medicine
counselor	6	Dept. of Health City of Baltimore
ter's degree)	8	Univ. of Maryland Sch. of Medicine School of Social Work
calaureate)	3	Univ. of Maryland Sch. of Medicine
	5	Johns Hopkins Univ.
ecialist	1	
	241	

VA HOSPITAL: FORT HOWARD, MARYLAND – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	14	
Audiology & speech pathology student (master's degree)	14	Univ. of Maryland, College Park, Md.
Personnel management specialist trainee	2	
General hospital services orientation	11	Dundalk Regional Voc. Sch., Dundalk, Md.
Miscellaneous dentist training	1	Univ. of Maryland, Dental Sch., Baltimore, Md.
Total	42	

VA HOSPITAL: PERRY POINT, MARYLAND – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	1	
Career psychiatry resident	2	
Medical student in second 2 school years	2	Univ. of Maryland, College Park, Md.
Basic nursing student	16	Harford Jr. Coll., Bel Air, Md.
Psychology student (graduate trg.)	9	Catholic Univ., Washington, D.C. Univ. of Tennessee, Memphis, Tenn. Univ. of Montana, Missoula, Mont. Univ. of Delaware, Newark, Dela.
Social work student (master's degree)	9	Univ. of Maryland, College Park, Md.
Personnel management specialist trainee	1	
Total	40	

VA HOSPITAL: BEDFORD, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental student in second 2 school years	6	Harvard Sch. of Dental Medicine, Boston, Mass.
Dental assistant trainee	18	Middlesex Comm. Coll.
Basic nursing student	151	St. Anselm's, Manchester, N.H. Northeastern Univ., Boston, Mass. Memorial Hospital Sch. of Nursing, Worcester, Mass. Somerville Hospital Sch. of Nursing, Somerville, Mass.
Psychology student (graduate trg.)	4	Boston Univ., Boston, Mass.
Social work student (master's degree)	12	Boston Coll., Boston, Mass. Boston Univ., Boston, Mass. Simmons Coll., Boston, Mass.
Occupational therapist student	13	Coll. of St. Catherine, St. Paul, Minn. Boston Univ., Boston, Mass. State Univ. of New York at Buffalo, Buffalo, N.Y. Tufts Coll.
Corrective therapist student	9	Boston Univ., Boston, Mass.
Dietetic intern affiliate	27	Massachusetts General Hospital, Boston, Mass.
Certified laboratory assistant trainee (AMA - approved)	5	Middlesex Comm. Coll. Northeastern Univ., Boston, Mass.
Chaplain resident	3	
Personnel management specialist trainee	2	
Building management officer trainee	1	
Total	251	

VA HOSPITAL: BOSTON, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	145	
Medical intern	29	
Career psychiatry resident	3	
Career neurology resident	5	
Career PM&R resident	1	
Career pathology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	182	
Dental student in first 2 school years	2	
Dental assistant trainee	28	
Dental hygienist trainee	22	
Dental laboratory technician trainee	1	
Dental student summer research trainee	1	
Basic nursing student	116	
Graduate nursing student	25	
Psychology student (graduate trg.)	12	
Social work student (master's degree)	4	
Occupational therapist student	5	
Physical therapist student	12	
Medical technologist student (AMA - approved)	8	
Certified laboratory assistant trainee (AMA - approved)	1	
Radiologic technologist trainee (AMA - approved)	6	
Medical student anesthesiology trainee	2	
Total	615	

VA OUTPATIENT CLINIC: BOSTON, MASSA

Training Program	Number Trainees
Career dental resident	1
Research & education trainee	1
Dental student in second 2 school years	4

EDFORD, MASSACHUSETTS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
school	6	Harvard Sch. of Dental Medicine, Boston, Mass.
	18	Middlesex Comm. Coll.
	151	St. Anselm's, Manchester, N.H. Northeastern Univ., Boston, Mass. Memorial Hospital Sch. of Nursing, Worcester, Mass. Somerville Hospital Sch. of Nursing, Somerville, Mass.
ate trg.)	4	Boston Univ., Boston, Mass.
er's degree)	12	Boston Coll., Boston, Mass. Boston Univ., Boston, Mass. Simmons Coll., Boston, Mass.
dent	13	Coll. of St. Catherine, St. Paul, Minn. Boston Univ., Boston, Mass. State Univ. of New York at Buffalo, Buffalo, N.Y. Tufts Coll.
nt	9	Boston Univ., Boston, Mass.
	27	Massachusetts General Hospital, Boston, Mass.
nt ed)	5	Middlesex Comm. Coll. Northeastern Univ., Boston, Mass.
	3	
ecialist	2	
cer	1	
	251	

Training Program	Number of Trainees	Cooperating Institutions
Career pathology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	182	Boston Univ. Medical Sch. Tufts Univ. Medical Sch.
Dental student in first 2 school years	2	Tufts Univ. Dental Sch.
Dental assistant trainee	28	Northeastern Univ.
Dental hygienist trainee	22	Forsythe Dental Center Sch.
Dental laboratory technician trainee	1	
Dental student summer research trainee	1	
Basic nursing student	116	Boston Univ. Sch. of Nursing
Graduate nursing student	25	Boston Coll. Sch. of Nursing, Newton, Mass.
Psychology student (graduate trg.)	12	Clark Univ., Worcester, Mass. Boston Univ. Harvard Univ., Cambridge, Mass. Rutgers Univ., Lyons, N.J. Peabody Coll., Knoxville, Tenn.
Social work student (master's degree)	4	Boston Univ.
Occupational therapist student	5	Tufts Univ.
Physical therapist student	12	Boston Univ.
Medical technologist student (AMA - approved)	8	
Certified laboratory assistant trainee (AMA - approved)	1	Blue Hills Regional Tech. Institute, Canton, Mass.
Radiologic technologist trainee (AMA - approved)	6	Northeastern Univ.
Medical student anesthesiology trainee	2	American Society of Anesthesiologists, Chicago, Ill.
Total	615	

BOSTON, MASSACHUSETTS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	145	
	29	
	3	
	5	
	1	

VA OUTPATIENT CLINIC: BOSTON, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Career dental resident	1	
Research & education trainee	1	
Dental student in second 2 school years	4	Harvard Sch. of Dental Medicine

Training Program	Number of Trainees	Cooperating Institutions
Dental assistant trainee	27	Tufts – Northeastern Univ.
Dental hygienist trainee	39	Tufts – Northeastern Univ.
Audiology & speech pathology student (doctoral)	1	
Audiology & speech pathology student (master's degree)	1	
Audiology & speech pathology student (baccalaureate)	3	Boston Univ.
Psychology student (graduate trg.)	4	Boston Univ.
Psychology student (postdoctoral)	1	Boston Univ.
Vocational rehabilitation counselor student	2	Boston Univ.
Social work student (master's degree)	13	Boston Coll. Simmons Coll. Boston Univ. Smith Coll., New Hampton, Mass.
Physical therapy assistant trainee	2	Sargents Coll.
Total	99	

VA HOSPITAL: BROCKTON, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental intern (noncareer)	2	
Dental assistant trainee	23	Southeastern Regional Voc. Tech. High Sch., South Eastern, Mass.
Dental hygienist trainee	17	Bristol Comm. Coll., Fall River, Mass.
Dental student summer research trainee	2	Univ. of Connecticut Sch. of Dental Medicine, Storrs, Conn. Tufts Univ. Sch. of Dental Medicine, Bedford, Mass.
Basic nursing student	79	Brockton VA Hospital Cape Cod Comm. Coll., Hyannis, Mass. Massasoit Comm. Coll., North Abington, Mass.
Nursing resident	1	Boston Univ., Boston, Mass.
Psychology student (graduate trg.)	14	Rochester Univ., Psychology Dept., Rochester, N.Y. Boston Univ., Psychology Dept., Boston, Mass. Catholic Univ., Graduate Sch., Washington, D.C.

Training Program	Number of Trainees	Co
		Ha
Social work student (doctoral)	3	Th
Social work student (master's degree)	8	Bos
		Bos
		Sim
Occupational therapist student	10	Col
		Sta
		Uni
		Sar
		Tuf Uni
Recreation specialist student	1	Bos
Miscellaneous dentist training	7	Har
Total	167	

VA HOSPITAL: NORTHAMPTON, MASSACHUSETTS –

Training Program	Number of Trainees	Coo
Psychology student (graduate trg.)	19	Univ A Spri S
Social work student (master's degree)	5	Univ c H
Occupational therapist student	14	Tuft C E

	Number of Trainees	Cooperating Institutions
	27	Tufts – Northeastern Univ.
	39	Tufts – Northeastern Univ.
nt	1	
nt	1	
nt	3	Boston Univ.
	4	Boston Univ.
	1	Boston Univ.
	2	Boston Univ.
)	13	Boston Coll. Simmons Coll. Boston Univ. Smith Coll., New Hampton, Mass.
	2	Sargents Coll.
	99	

, MASSACHUSETTS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	2	
	23	Southeastern Regional Voc. Tech. High Sch., South Eastern, Mass.
	17	Bristol Comm. Coll., Fall River, Mass.
	2	Univ. of Connecticut Sch. of Dental Medicine, Storrs, Conn. Tufts Univ. Sch. of Dental Medicine, Bedford, Mass.
	79	Brockton VA Hospital Cape Cod Comm. Coll., Hyannis, Mass. Massasoit Comm. Coll., North Abington, Mass.
	1	Boston Univ., Boston, Mass.
	14	Rochester Univ., Psychology Dept., Rochester, N.Y. Boston Univ., Psychology Dept., Boston, Mass. Catholic Univ., Graduate Sch., Washington, D.C.

Training Program	Number of Trainees	Cooperating Institutions
		Harvard Univ., Dept. of Psychology, Cambridge, Mass.
Social work student (doctoral)	3	The Florence Heller Sch. for Advanced Studies in Social Work, Brandeis Univ., Waltham, Mass.
Social work student (master's degree)	8	Boston Coll. Sch. of Social Work, Chestnut Hill, Mass. Boston Univ. Sch. of Social Work, Boston, Mass. Simmons Coll. Sch. of Social Work, Boston, Mass.
Occupational therapist student	10	Coll. of St. Catherine, St. Paul, Minn. State Univ. of New York at Buffalo, Buffalo, N.Y. Univ. of Puget Sound, Tacoma, Wash. Sargent Coll. of Allied Health Professions, Boston Univ., Boston, Mass. Tufts Univ., Bedford, Mass. Univ. of Florida, Gainesville, Fla.
Recreation specialist student	1	Boston Univ., Boston, Mass.
Miscellaneous dentist training	7	Harvard Univ. Sch. of Dental Medicine, Cambridge, Mass.
Total	167	

VA HOSPITAL: NORTHAMPTON, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	19	Univ. of Massachusetts, Amherst, Mass. Springfield Coll., Springfield, Mass.
Social work student (master's degree)	5	Univ. of Connecticut, Sch. of Social Work, West Hartford, Conn.
Occupational therapist student	14	Tufts Univ., Boston Sch. of Occupational Therapy, Boston, Mass.

Training Program	Number of Trainees	Cooperating Institutions
		Univ. of New Hampshire, Durham, N.H. Coll. of St. Catherine, St. Paul, Minn. State Univ. of New York at Buffalo, Buffalo, N.Y. Univ. of Wisconsin, Madison, Wisc. Univ. of Puerto Rico, Sch. of Occupational Therapy and Physical Therapy, San Juan, P.R. Temple Univ., Philadelphia, Pa.
Personnel management specialist trainee	3	
Miscellaneous allied health training	15	Greenfield Comm. Coll., Greenfield, Mass.
Total	56	

VA HOSPITAL: WEST ROXBURY, MASSACHUSETTS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	76	
Medical student in second 2 school years	86	Harvard Medical Sch., Boston, Mass. Tufts Univ. Sch. of Medicine, Boston, Mass.
Dental student in second 2 school years	8	Harvard Medical Sch., Boston, Mass.
Dental assistant trainee	7	Blue Hills Regional Tech. Sch., Canton, Mass.
Dental hygienist trainee	22	Forsythe Sch. of Hygiene, Boston, Mass.
Basic nursing student	100	Northeastern Univ. Sch. of Nursing, Boston, Mass. Newton Jr. Coll. Sch. of Nursing, Newton, Mass.
Social work student (doctoral)	1	Brandeis Univ., Waltham, Mass.
Social work student (master's degree)	2	Boston Coll., Newton, Mass.
Occupational therapist student	3	Univ. of New Hampshire Sch. of Occupational Therapy, Durham, N.H.

Training Program	Number of Trainees
Physical therapist student	20
Corrective therapist student	10
Dietetic intern affiliate	4
Medical technician trainee	3
PM&R coordinator trainee	4
Total	346

VA HOSPITAL: ALLEN PARK, MICHIGAN –

Training Program	Number of Trainees
Medical resident (noncareer)	123
Dental resident (noncareer)	2
Career dental resident	1
Medical student in second 2 school years	48
Basic nursing student	132
Audiology & speech pathology student (doctoral)	8
Audiology & speech pathology student (baccalaureate)	2
Psychology student (graduate trg.)	10
Social work student (master's degree)	12
Medical technologist student (AMA - approved)	6
Hospital librarian work-study	1
Prosthetic representative trainee	1

	Number of Trainees	Cooperating Institutions
		Univ. of New Hampshire, Durham, N.H. Coll. of St. Catherine, St. Paul, Minn. State Univ. of New York at Buffalo, Buffalo, N.Y. Univ. of Wisconsin, Madison, Wisc. Univ. of Puerto Rico, Sch. of Occupational Therapy and Physical Therapy, San Juan, P.R. Temple Univ., Philadelphia, Pa.
ialist	3	
	15	Greenfield Comm. Coll., Greenfield, Mass.
	56	

ROXBURY, MASSACHUSETTS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
)	76	
school	86	Harvard Medical Sch., Boston, Mass. Tufts Univ. Sch. of Medicine, Boston, Mass.
school	8	Harvard Medical Sch., Boston, Mass.
	7	Blue Hills Regional Tech. Sch., Canton, Mass.
	22	Forsythe Sch. of Hygiene, Boston, Mass.
	100	Northeastern Univ. Sch. of Nursing, Boston, Mass. Newton Jr. Coll. Sch. of Nursing, Newton, Mass.
al)	1	Brandeis Univ., Waltham, Mass.
's degree)	2	Boston Coll., Newton, Mass.
ent	3	Univ. of New Hampshire Sch. of Occupational Therapy, Durham, N.H.

Training Program	Number of Trainees	Cooperating Institutions
Physical therapist student	20	Boston Univ., Sargent Coll., Boston, Mass. Northeastern Univ., Bouve Coll., Boston, Mass.
Corrective therapist student	10	Boston Univ. Sch. of Education, Boston, Mass.
Dietetic intern affiliate	4	Beth Israel Hospital, Boston, Mass.
Medical technician trainee	3	Blue Hills Regional Tech. Sch., Canton, Mass.
PM&R coordinator trainee	4	Northeastern Univ., Boston, Mass.
Total	346	

VA HOSPITAL: ALLEN PARK, MICHIGAN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	123	
Dental resident (noncareer)	2	
Career dental resident	1	
Medical student in second 2 school years	48	Wayne State Univ., Detroit, Mich.
Basic nursing student	132	Wayne State Univ., Detroit, Mich. Mercy Coll., Detroit, Mich.
Audiology & speech pathology student (doctoral)	8	Wayne State Univ., Detroit, Mich.
Audiology & speech pathology student (baccalaureate)	2	Eastern Michigan Univ., Ypsilanti, Mich.
Psychology student (graduate trg.)	10	Wayne State Univ., Detroit, Mich. Michigan State Univ., East Lansing, Mich. Univ. of Michigan, Ann Arbor, Mich.
Social work student (master's degree)	12	Wayne State Univ., Detroit, Mich. Univ. of Michigan, Ann Arbor, Mich.
Medical technologist student (AMA - approved)	6	Wayne State Univ., Detroit, Mich.
Hospital librarian work-study	1	
Prosthetic representative trainee	1	

Training Program	Number of Trainees	Cooperating Institutions
Personnel management specialist trainee	1	
Management analyst trainee	1	
Graduate hospital administrator trainee	1	Univ. of Michigan, Ann Arbor, Mich.
Total	349	

VA HOSPITAL: ANN ARBOR, MICHIGAN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	237	
Medical intern	57	
Dental resident (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	197	Univ. of Michigan Medical Sch.
Research & education trainee	2	
Basic nursing student	20	Univ. of Michigan Sch. of Nursing
Audiology & speech pathology student (doctoral)	4	Univ. of Michigan
Psychology student (graduate trg.)	13	Wayne State Univ., Detroit, Mich. Michigan State Univ., Lansing, Mich. Univ. of Michigan
Social work student (master's degree)	6	Wayne State Univ., Detroit, Mich. Univ. of Michigan
Occupational therapist student	1	Eastern Michigan Univ., Ypsilanti, Mich.
Physical therapist student	19	Univ. of Michigan
Pharmacy intern	1	
Dietetic intern affiliate	11	Univ. of Michigan
Hospital librarian work-study	1	Univ. of Michigan
Radiologic technologist trainee (AMA - approved)	24	Washtenaw Comm. Coll.
Inhalation therapy technician trainee (AMA - approved)	20	Washtenaw Comm. Coll.
Assistant hospital director trainee	1	
Total	616	

VA HOSPITAL: BATTLE CREEK, MICHIG

Training Program	Number of Trainees
Basic nursing student	67
Audiology & speech pathology student (master's degree)	2
Psychology student (graduate trg.)	3
Social work student (master's degree)	7
Occupational therapist student (baccalaureate)	8
Hospital librarian work-study	1
Total	88

VA HOSPITAL: IRON MOUNTAIN, MICHI

Training Program	Number of Trainees
Dental assistant trainee	6
Practical nurse student	52
Nursing assistant trainee	20
Medical technician trainee	2
X-ray technician trainee	4
Personnel management specialist trainee	1
Total	85

	Number of Trainees	Cooperating Institutions
ialist	1	
	1	
ator	1	Univ. of Michigan, Ann Arbor, Mich.
	349	

ANN ARBOR, MICHIGAN – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
)	237	
	57	
	1	
	1	
school	197	Univ. of Michigan Medical Sch.
ee	2	
	20	Univ. of Michigan Sch. of Nursing
ogy	4	Univ. of Michigan
te trg.)	13	Wayne State Univ., Detroit, Mich. Michigan State Univ., Lansing, Mich. Univ. of Michigan
r's degree)	6	Wayne State Univ., Detroit, Mich. Univ. of Michigan
ent	1	Eastern Michigan Univ., Ypsilanti, Mich.
	19	Univ. of Michigan
	1	
	11	Univ. of Michigan
ly	1	Univ. of Michigan
nee	24	Washtenaw Comm. Coll.
an d)	20	Washtenaw Comm. Coll.
rainee	1	
	616	

VA HOSPITAL: BATTLE CREEK, MICHIGAN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	67	Nazareth Coll., Kalamazoo, Mich. Kellogg Comm. Coll.
Audiology & speech pathology student (master's degree)	2	Western Michigan Univ., Kalamazoo, Mich.
Psychology student (graduate trg.)	3	Michigan State Univ., East Lansing, Mich.
Social work student (master's degree)	7	Western Michigan Univ., Kalamazoo, Mich.
Occupational therapist student (baccalaureate)	8	Western Michigan Univ., Kalamazoo, Mich.
Hospital librarian work-study	1	Western Michigan Univ., Kalamazoo, Mich.
Total	88	

VA HOSPITAL: IRON MOUNTAIN, MICHIGAN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental assistant trainee	6	Northeast Wisconsin Tech. Institute, Green Bay, Wisc.
Practical nurse student	52	Sch. of Practical Nursing, Bay de Noc Comm. Coll., Escanaba, Mich.
Nursing assistant trainee	20	Comm. Sch. Program, Breitung Twp-Iron Mountain Sch. Districts
Medical technician trainee	2	Northern Michigan Univ., Marquette, Mich.
X-ray technician trainee	4	Northern Michigan Univ., Marquette, Mich.
Personnel management specialist trainee	1	
Total	85	

VA HOSPITAL: SAGINAW, MICHIGAN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Medical student in second 2 school years	4	
Basic nursing student	15	Delta Coll., University Center, Mich.
Practical nurse student	64	Saginaw Practical Nurse Sch.
Total	85	

VA HOSPITAL: MINNEAPOLIS, MINNESOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	359	
Medical intern	18	
Career psychiatry resident	2	
Career neurology resident	2	
Career radiology resident	1	
Career pathology resident	1	
Dental resident (noncareer)	5	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in first 2 school years	10	Univ. of Minnesota
Medical student in second 2 school years	182	Univ. of Minnesota
Research & education trainee	5	
Dental assistant trainee	11	Normandale State Jr. Coll.
Basic nursing student	163	Univ. of Minnesota Abott-Northwestern Metropolitan State Jr. Coll. Mounds-Midway of St. Paul, St. Paul, Minn. St. Catherine's Coll., St. Paul, Minn. St. Olaf Coll., Northfield, Minn.
Audiology & speech pathology student (baccalaureate)	3	Univ. of Minnesota
Psychology student (graduate trg.)	19	Univ. of Minnesota
Social work student (baccalaureate)	22	Univ. of Minnesota
Occupational therapist student	33	Univ. of Minnesota

Training Program
Physical therapist student
Corrective therapist student
Recreation specialist student
Pharmacy resident
Pharmacy student
Dietetic student
Medical technician trainee
Hospital librarian work-study
X-ray technician trainee
Prosthetic representative trainee
Nuclear medicine technician trainee
Urology technician trainee
Graduate hospital administrator trainee
Assistant hospital director trainee
Miscellaneous allied health training
Total

AL: SAGINAW, MICHIGAN – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
reer)	2	
nd 2 school	4	
	15	Delta Coll., University Center, Mich.
	64	Saginaw Practical Nurse Sch.
	85	

: MINNEAPOLIS, MINNESOTA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
areer)	359	
	18	
ent	2	
ent	2	
nt	1	
ent	1	
reer)	5	
er)	1	
	1	
t 2 school	10	Univ. of Minnesota
ond 2 school	182	Univ. of Minnesota
trainee	5	
e	11	Normandale State Jr. Coll.
	163	Univ. of Minnesota Abott-Northwestern Metropolitan State Jr. Coll. Mounds-Midway of St. Paul, St. Paul, Minn. St. Catherine's Coll., St. Paul, Minn. St. Olaf Coll., Northfield, Minn.
thology ate)	3	Univ. of Minnesota
aduate trg.)	19	Univ. of Minnesota
accalaureate)	22	Univ. of Minnesota
student	33	Univ. of Minnesota

Training Program	Number of Trainees	Cooperating Institutions
		Coll. of St. Catherine's, St. Paul, Minn. Univ. of North Dakota, Grand Forks, N.D. Boston Univ., Boston, Mass. Colorado State Univ., Fort Collins, Colo. Univ. of Kansas, Lawrence, Kansas Mount Mary Coll., Milwaukee, Wisc. Tufts Univ., Boston, Mass. Univ. of Wisconsin, Madison, Wisc. Virginia Commonwealth Univ., Richmond, Va. Washington Univ., St. Louis, Mo. Industrial Hospital Puerto Rico Medical Center, Rio Piedras, P.R.
Physical therapist student	10	Univ. of Minnesota
Corrective therapist student	6	Mankato State, Mankato, Minn. Augsburg Coll.
Recreation specialist student	1	Mankato State, Mankato, Minn.
Pharmacy resident	2	Univ. of Minnesota
Pharmacy student	4	Univ. of Minnesota
Dietetic student	1	Univ. of Minnesota
Medical technician trainee	24	Minnesota Institute of Medical Technology St. Paul Tech. Voc. Institute, St. Paul, Minn. Area Head Clinical Lab. Assistant Program, Eau Claire, Wisc.
Hospital librarian work-study	4	Univ. of Minnesota
X-ray technician trainee	21	
Prosthetic representative trainee	1	
Nuclear medicine technician trainee	2	
Urology technician trainee	6	
Graduate hospital administrator trainee	1	
Assistant hospital director trainee	1	
Miscellaneous allied health training	3	Univ. of Minnesota Bemidji State Coll., Bemidji, Minn.
Total	925	

VA HOSPITAL: ST. CLOUD, MINNESOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	118	St. Cloud Hospital Sch. of Nursing Dickinson State Coll., Dickinson, N.D.
Psychology student (graduate trg.)	4	
Occupational therapist student	9	Univ. of North Dakota, Grand Forks, N.D. Univ. of Kansas, Lawrence, Kansas Coll. of St. Catherine, St. Paul, Minn.
Manual arts therapist student	4	St. Cloud State Coll. Sch. of Industry Moorhead State Coll., Moorhead, Minn.
General hospital services orientation	1	St. Cloud State Coll. Sch. of Business
Total	136	

VA CENTER: BILOXI, MISSISSIPPI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	62	Jefferson Davis Jr. Coll., Gulfport, Miss. Jackson County Jr. Coll., Gautier, Miss.
Practical nurse student	37	Jefferson Davis Jr. Coll., Gulfport, Miss.
Psychology student (graduate trg.)	5	Louisiana State Univ., Baton Rouge, La. Florida State Univ., Tallahassee, Fla. Univ. of Georgia, Athens, Ga. Univ. of Tennessee, Knoxville, Tenn. Univ. of Southern Mississippi, Hattiesburg, Miss.
Psychology student (baccalaureate)	9	Univ. of Southern Mississippi, Hattiesburg, Miss.
Social work student (doctoral)	1	Louisiana State Univ., Baton Rouge La.
Social work student (master's degree)	1	Louisiana Coll., Pineville, La.
Social work student (baccalaureate)	1	Louisiana State Univ., Baton Rouge, La.
Physical therapist student	1	
Corrective therapist student	3	
Recreation specialist student	5	
Medical technician trainee	4	
Physician's assistant trainee	1	
Miscellaneous allied health training	1	
Total	131	

VA CENTER: JACKSON, MISSISSIPP

Training Program	Number of Trainees
Medical resident (noncareer)	72
Medical intern	6
Career pathology resident	1
Medical student in first 2 school years	6
Medical student in second 2 school years	215
Psychology student (graduate trg.)	1
Social work student (master's degree)	4
Supply management trainee	1
Total	306

VA HOSPITAL: COLUMBIA, MISSOUR

Training Program	Number of Trainees
Hospital administration resident	1
Total	1

ST. CLOUD, MINNESOTA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	118	St. Cloud Hospital Sch. of Nursing Dickinson State Coll., Dickinson, N.D.
uate trg.)	4	
ıdent	9	Univ. of North Dakota, Grand Forks, N.D. Univ. of Kansas, Lawrence, Kansas Coll. of St. Catherine, St. Paul, Minn.
ient	4	St. Cloud State Coll. Sch. of Industry Moorhead State Coll., Moorhead, Minn.
	1	St. Cloud State Coll. Sch. of Business
	136	

R: BILOXI, MISSISSIPPI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
	62	Jefferson Davis Jr. Coll., Gulfport, Miss. Jackson County Jr. Coll., Gautier, Miss.
	37	Jefferson Davis Jr. Coll., Gulfport, Miss.
luate trg.)	5	Louisiana State Univ., Baton Rouge, La. Florida State Univ., Tallahassee, Fla. Univ. of Georgia, Athens, Ga. Univ. of Tennessee, Knoxville, Tenn. Univ. of Southern Mississippi, Hattiesburg, Miss.
calaureate)	9	Univ. of Southern Mississippi, Hattiesburg, Miss.
toral)	1	Louisiana State Univ., Baton Rouge La.
ster's degree)	1	Louisiana Coll., Pineville, La.
calaureate)	1	Louisiana State Univ., Baton Rouge, La.
Physical therapist student	1	Univ. of Southern Mississippi, Hattiesburg, Miss.
Corrective therapist student	3	Univ. of Southern Mississippi, Hattiesburg, Miss.
Recreation specialist student	5	Univ. of Southern Mississippi, Hattiesburg, Miss.
Medical technician trainee	4	Jackson County Jr. Coll., Gautier, Miss.
Physician's assistant trainee	1	Duke Univ., Durham, N.C.
Miscellaneous allied health training	1	Louisiana State Univ., Baton Rouge, La.
Total	131	

VA CENTER: JACKSON, MISSISSIPPI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	72	
Medical intern	6	
Career pathology resident	1	
Medical student in first 2 school years	6	Univ. Medical Center
Medical student in second 2 school years	215	Univ. Medical Center
Psychology student (graduate trg.)	1	Sch. of Psychology Univ. of Georgia, Athens, Ga.
Social work student (master's degree)	4	Sch. of Social Work, Louisiana State Univ., Baton Rouge, La.
Supply management trainee	1	
Total	306	

VA HOSPITAL: COLUMBIA, MISSOURI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Hospital administration resident	1	Univ. of Missouri
Total	1	

VA HOSPITAL: KANSAS CITY, MISSOURI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	92	
Medical intern	43	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental resident	2	
Career dental intern	1	
Medical student in second 2 school years	249	Kansas City Medical Center, Kansas City, Kansas
Dental student in second 2 school years	4	Univ. of Missouri
Dental hygienist trainee	28	Univ. of Missouri
Basic nursing student	73	Kansas City Medical Center, Kansas City, Kansas Avila Coll. Graceland Coll., Lamoni, Iowa
Nursing assistant trainee	21	Board of Education
Audiology & speech pathology student (doctoral)	5	Kansas City Medical Center, Kansas City, Kansas
Audiology & speech pathology student (master's degree)	9	Kansas City Medical Center, Kansas City, Kansas
Psychology student (graduate trg.)	10	Kansas Univ., Lawrence, Kansas
Social work student (master's degree)	4	Kansas Univ., Lawrence, Kansas Univ. of Missouri
Physical therapist student	20	Kansas City Medical Center, Kansas City, Kansas
Recreation specialist student	3	Central Missouri State Coll., Warrensburg, Mo.
Pharmacy student	2	Univ. of Missouri
Dietetic intern affiliate	4	Dietetic Intern Affiliation, Kansas City, Kansas
Medical record librarian trainee (AMA - approved)	1	
Urology technician trainee	1	St. Luke's Hospital
Chief nurse trainee	1	
Director, voluntary service trainee	1	
Assistant hospital director trainee	1	
Total	578	

VA HOSPITAL: POPLAR BLUFF, MISSOURI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: ST. LOUIS, MISSOU

Training Program	Number Trainees
Medical resident (noncareer)	129
Medical intern	37
Career psychiatry resident	1
Career pathology resident	1
Dental resident (noncareer)	1
Dental intern (noncareer)	1
Career dental intern	1
Medical student in second 2 school years	269
Research and education trainee	2
Basic nursing student	161
Graduate nursing student	8
Audiology & speech pathology student (doctoral)	2
Audiology & speech pathology student (master's degree)	3
Audiology & speech pathology student (baccalaureate)	34
Psychology student (graduate trg.)	39
Social work student (doctoral)	3
Social work student (master's degree)	8
Occupational therapist student	5
Physical therapist student	14
Pharmacy intern	1
Pharmacy student	40
Medical technician trainee	8
Prosthetic representative trainee	1
Nuclear medicine technician trainee	3
Chaplain orientation trainee	21
Administrative assistant to chief of staff trainee	1
Miscellaneous allied health training	2
Total	796

SPITAL: KANSAS CITY, MISSOURI – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
noncareer)	92	
	43	
oncareer)	2	
ncareer)	1	
dent	2	
rn	1	
n second 2 school	249	Kansas City Medical Center, Kansas City, Kansas
second 2 school	4	Univ. of Missouri
rainee	28	Univ. of Missouri
lent	73	Kansas City Medical Center, Kansas City, Kansas Avila Coll. Graceland Coll., Lamoni, Iowa
trainee	21	Board of Education
ch pathology oral)	5	Kansas City Medical Center, Kansas City, Kansas
ch pathology er's degree)	9	Kansas City Medical Center, Kansas City, Kansas
nt (graduate trg.)	10	Kansas Univ., Lawrence, Kansas
nt (master's degree)	4	Kansas Univ., Lawrence, Kansas Univ. of Missouri
student	20	Kansas City Medical Center, Kansas City, Kansas
list student	3	Central Missouri State Coll., Warrensburg, Mo.
t	2	Univ. of Missouri
filiate	4	Dietetic Intern Affiliation, Kansas City, Kansas
rarian trainee ved)	1	
n trainee	1	St. Luke's Hospital
e	1	
y service trainee	1	
director trainee	1	
	578	

PITAL: POPLAR BLUFF, MISSOURI – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

VA HOSPITAL: ST. LOUIS, MISSOURI – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	129	
Medical intern	37	
Career psychiatry resident	1	
Career pathology resident	1	
Dental resident (noncareer)	1	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	269	St. Louis Univ. Sch. of Medicine
Research and education trainee	2	
Basic nursing student	161	Forest Park Comm. Coll. St. Louis Univ. Sch. of Nursing Southern Illinois Univ., Edwardsville, Ill. St. Luke's Hospital
Graduate nursing student	8	St, Louis Univ. Sch. of Nursing
Audiology & speech pathology student (doctoral)	2	St. Louis Univ.
Audiology & speech pathology student (master's degree)	3	St. Louis Univ.
Audiology & speech pathology student (baccalaureate)	34	Fontbonne Coll.
Psychology student (graduate trg.)	39	Univ. of Missouri, Columbia, Mo. Washington Univ. St. Louis Univ.
Social work student (doctoral)	3	Washington Univ.
Social work student (master's degree)	8	St. Louis Univ. Washington Univ.
Occupational therapist student	5	Washington Univ.
Physical therapist student	14	St. Louis Univ. Washington Univ.
Pharmacy intern	1	St. Louis Coll. of Pharmacy
Pharmacy student	40	St. Louis Coll. of Pharmacy
Medical technician trainee	8	Forest Park Comm. Coll.
Prosthetic representative trainee	1	
Nuclear medicine technician trainee	3	
Chaplain orientation trainee	21	
Administrative assistant to chief of staff trainee	1	
Miscellaneous allied health training	2	
Total	796	

VA CENTER: FORT HARRISON, MONTANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: MILES CITY, MONTANA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	40	Miles Comm. Coll. Sch. of Nursing
Total	40	

VA HOSPITAL: GRAND ISLAND, NEBRASKA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	2	Univ. of Nebraska, Lincoln, Nebr.
Total	2	

VA HOSPITAL: LINCOLN, NEBRASKA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	6	
Dental resident (noncareer)	3	
Basic nursing student	22	Union Coll. Sch. of Nursing
Graduate nursing student	2	Univ. of Nebraska Sch. of Nursing, Omaha, Nebr.
Psychology student (graduate trg.)	5	Univ. of Nebraska Graduate Sch. of Psychology
Social work student (master's degree)	4	Univ. of Nebraska Graduate Sch. of Social Work
Social work student (baccalaureate)	2	Univ. of Nebraska
Corrective therapist student	2	Nebraska Wesleyan Univ.
Miscellaneous allied health training	25	Univ. of Nebraska Coll. of Pharmacy
Total	71	

VA HOSPITAL: OMAHA, NEBRASKA – F

Training Program	Number of Trainees
Medical resident (noncareer)	99
Medical intern	34
Career radiology resident	1
Career anesthesiology resident	3
Dental resident (noncareer)	4
Medical student in second 2 school years	270
Dental assistant trainee	25
Basic nursing student	187
Graduate nursing student	2
Psychology student (graduate trg.)	5
Social work student (master's degree)	2
Social work student (baccalaureate)	4
Physical therapist student	12
Medical student anesthesiology trainee	2
Nuclear medicine technician trainee	1
Chief of staff trainee	2
Administrative assistant to chief of staff trainee	1
Accountant trainee	1
Assistant hospital director trainee	1
Miscellaneous nurse training	7
Total	663

VA CENTER: RENO, NEVADA – FISC

Training Program	Number of Trainees
Negative report	

RT HARRISON, MONTANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

MILES CITY, MONTANA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	40	Miles Comm. Coll. Sch. of Nursing
	40	

RAND ISLAND, NEBRASKA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	2	Univ. of Nebraska, Lincoln, Nebr.
	2	

L: LINCOLN, NEBRASKA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	6	
r)	3	
	22	Union Coll. Sch. of Nursing
	2	Univ. of Nebraska Sch. of Nursing, Omaha, Nebr.
uate trg.)	5	Univ. of Nebraska Graduate Sch. of Psychology
	4	Univ. of Nebraska Graduate Sch. of Social Work
alaureate)	2	Univ. of Nebraska
nt	2	Nebraska Wesleyan Univ.
n	25	Univ. of Nebraska Coll. of Pharmacy
	71	

VA HOSPITAL: OMAHA, NEBRASKA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	99	
Medical intern	34	
Career radiology resident	1	
Career anesthesiology resident	3	
Dental resident (noncareer)	4	
Medical student in second 2 school years	270	Univ. of Nebraska Medical Center Creighton Univ. Coll. of Medicine
Dental assistant trainee	25	Omaha Public Sch.
Basic nursing student	187	Univ. of Nebraska Sch. of Nursing
Graduate nursing student	2	Univ. of Nebraska Sch. of Nursing
Psychology student (graduate trg.)	5	Univ. of Nebraska at Lincoln, Lincoln, Neb.
Social work student (master's degree)	2	Univ. of Nebraska at Lincoln, Lincoln, Neb.
Social work student (baccalaureate)	4	Univ. of Nebraska at Omaha Creighton Univ.
Physical therapist student	12	Univ. of Nebraska Medical Center
Medical student anesthesiology trainee	2	Univ. of Nebraska
Nuclear medicine technician trainee	1	Bergan Mercy Hospital
Chief of staff trainee	2	
Administrative assistant to chief of staff trainee	1	
Accountant trainee	1	
Assistant hospital director trainee	1	
Miscellaneous nurse training	7	
Total	663	

VA CENTER: RENO, NEVADA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: MANCHESTER, NEW HAMPSHIRE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Social work student (master's degree)	1	Boston Coll., Boston, Mass.
Total	3	

VA HOSPITAL: EAST ORANGE, NEW JERSEY – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	144	
Medical intern	3	
Career neurology resident	2	
Career PM&R resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	159	Coll. of Medicine and Dentistry, Newark, N.J.
Dental student in second 2 school years	43	Coll. of Medicine and Dentistry, Newark, N.J.
Dental assistant trainee	14	Union County Tech. Institute, Scotch Plains, N.J.
Dental hygienist trainee	12	Union County Tech. Institute, Scotch Plains, N.J.
Basic nursing student	333	Coll. of Medicine and Dentistry, Newark, N.J. Seton Hall Univ., South Orange, N.J. Fairleigh Dickinson Univ., Rutherford, N.J. Rutgers Univ., New Brunswick, N.J. Middlesex County Coll., Edison, N.J. Orange Memorial Hospital, Orange, N.J. Hackensack Hospital, Hackensack, N.J. Essex County Coll., Newark, N.J.
Audiology & speech pathology student (master's degree)	2	Newark State Coll., Union, N.J. Seton Hall Univ., South Orange, N.J.

Training Program	Num Trai
Psychology student (graduate trg.)	
Social work student (master's degree)	
Social work student (baccalaureate)	
Dietetic intern	
Dietetic intern affiliate	
Dietetic student	
Inhalation therapy technician trainee	
Management analyst trainee	
Graduate hospital administrator trainee	
Assistant hospital director trainee	
Total	7

VA HOSPITAL: LYONS, NEW J

Training Program	Num Trai
Medical resident (noncareer)	
Career psychiatry resident	
Basic nursing student	
Practical nurse student	

ER, NEW HAMPSHIRE – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
2	
1	Boston Coll., Boston, Mass.
3	

ANGE, NEW JERSEY – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
144	
3	
2	
1	
2	
1	
1	
159	Coll. of Medicine and Dentistry, Newark, N.J.
43	Coll. of Medicine and Dentistry, Newark, N.J.
14	Union County Tech. Institute, Scotch Plains, N.J.
12	Union County Tech. Institute, Scotch Plains, N.J. Coll. of Medicine and Dentistry, Newark, N.J.
333	Seton Hall Univ., South Orange, N.J. Fairleigh Dickinson Univ., Rutherford, N.J. Rutgers Univ., New Brunswick, N.J. Middlesex County Coll., Edison, N.J. Orange Memorial Hospital, Orange, N.J. Hackensack Hospital, Hackensack, N.J. Essex County Coll., Newark, N.J.
2	Newark State Coll., Union, N.J. Seton Hall Univ., South Orange, N.J.

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	26	Rutgers Univ., New Brunswick, N.J. New York Univ., New York, N.Y. Columbia Univ., New York, N.Y. Fordham Univ., New York, N.Y. Temple Univ., Philadelphia, Pa. Yeshiva Univ., New York, N.Y. City Coll. of New York, New York, N.Y.
Social work student (master's degree)	22	Rutgers Univ., New Brunswick, N.J. Columbia Univ., New York, N.Y.
Social work student (baccalaureate)	2	Fairleigh Dickinson Univ., Rutherford, N.J.
Dietetic intern	1	
Dietetic intern affiliate	6	Perth Amboy General Hospital, Perth Amboy, N.J.
Dietetic student	6	St. Elizabeth Coll., Convent Station, N.J.
Inhalation therapy technician trainee	2	
Management analyst trainee	1	
Graduate hospital administrator trainee	1	George Washington Univ., Washington, D.C.
Assistant hospital director trainee	1	
Total	785	

VA HOSPITAL: LYONS, NEW JERSEY – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	5	
Career psychiatry resident	3	
Basic nursing student	94	Muhlenberg Hospital, Plainfield, N.J. Somerset County Voc. Coll., North Branch, N.J.
Practical nurse student	13	Middlesex County Voc. Coll., East Brunswick, N.J.

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (postdoctoral)	1	Rutgers Univ., New Brunswick, N.J.
Social work student (doctoral)	1	Rutgers Univ., New Brunswick, N.J.
Social work student (master's degree)	6	Rutgers Univ., New Brunswick, N.J.
Social work student (baccalaureate)	8	Rutgers Univ., New Brunswick, N.J.
Personnel management specialist trainee	1	
Total	132	

VA HOSPITAL: ALBUQUERQUE, NEW MEXICO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	98	
Medical intern	33	
Career psychiatry resident	2	
Career neurology resident	1	
Career orthopedic surgery resident	1	
Career pathology resident	2	
Medical student in first 2 school years	87	Univ. of New Mexico
Medical student in second 2 school years	66	Univ. of New Mexico
Basic nursing student	72	Univ. of New Mexico Univ. of Albuquerque
Practical nurse student	20	Indian Sch. of Practical Nursing
Nursing assistant trainee	12	Bernalillo County High School, Bernalillo, N.M.
Audiology & speech pathology student (master's degree)	4	Univ. of New Mexico
Vocational rehabilitation counselor student	1	Univ. of New Mexico
Corrective therapist student	12	Univ. of New Mexico
Recreation specialist student	5	Univ. of New Mexico
Medical technologist student (AMA - approved)	5	Univ. of New Mexico
Certified laboratory assistant trainee (AMA - approved)	1	Univ. of New Mexico
Radiologic technologist trainee (AMA - approved)	16	Bernalillo County Med. Center
Hospital administration resident	1	
Assistant hospital director trainee	1	Xavier Univ., Cincinnati, Ohio
Total	440	

VA HOSPITAL: ALBANY, NEW Y

Training Program	Numbe Trainee
Medical resident (noncareer)	112
Medical intern	39
Career radiology resident	1
Career pathology resident	1
Dental intern (noncareer)	2
Career dental intern	1
Medical student in first 2 school years	80
Medical student in second 2 school years	78
Dental assistant trainee	24
Dental hygienist trainee	24
Basic nursing student	168
Graduate nursing student	12
Practical nurse student	104
Audiology & speech pathology student (master's degree)	12
Psychology student (graduate trg.)	4
Social work student (master's degree)	4
Social work student (baccalaureate)	3
Physical therapist student	36
Pharmacy student	38
Medical technologist student (AMA - approved)	18
Cytotechnologist student (AMA - approved)	6
Hospital librarian work-study	1
Radiologic technologist trainee (AMA - approved)	11
Nurse anesthetist trainee	10
Hospital administrative trainee	1
Management analyst trainee	1
Assistant hospital director trainee	1
Total	792

Number of Trainees	Cooperating Institutions
1	Rutgers Univ., New Brunswick, N.J.
1	Rutgers Univ., New Brunswick, N.J.
6	Rutgers Univ., New Brunswick, N.J.
8	Rutgers Univ., New Brunswick, N.J.
1	
132	

QUE, NEW MEXICO – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
98	
33	
2	
1	
1	
2	
87	Univ. of New Mexico
66	Univ. of New Mexico
72	Univ. of New Mexico Univ. of Albuquerque
20	Indian Sch. of Practical Nursing
12	Bernalillo County High School, Bernalillo, N.M.
4	Univ. of New Mexico
1	Univ. of New Mexico
12	Univ. of New Mexico
5	Univ. of New Mexico
5	Univ. of New Mexico
1	Univ. of New Mexico
16	Bernalillo County Med. Center
1	
1	Xavier Univ., Cincinnati, Ohio
440	

VA HOSPITAL: ALBANY, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	112	
Medical intern	39	
Career radiology resident	1	
Career pathology resident	1	
Dental intern (noncareer)	2	
Career dental intern	1	
Medical student in first 2 school years	80	Albany Medical Coll.
Medical student in second 2 school years	78	Albany Medical Coll.
Dental assistant trainee	24	Hudson Valley Comm. Coll., Troy, N.Y.
Dental hygienist trainee	24	Hudson Valley Comm. Coll., Troy, N.Y.
Basic nursing student	168	Fulton Montgomery Comm. Coll., Johnstown, N.Y. Hudson Valley Comm. Coll., Troy, N.Y. Jr. Coll. of Albany Russell Sage Coll., Troy, N.Y.
Graduate nursing student	12	Russell Sage Coll., Troy, N.Y.
Practical nurse student	104	Manpower Program Board of Education
Audiology & speech pathology student (master's degree)	12	State Univ. of New York
Psychology student (graduate trg.)	4	State Univ. of New York
Social work student (master's degree)	4	Syracuse Univ., Syracuse, N.Y.
Social work student (baccalaureate)	3	Siena Coll., Loudenville, N.Y. Coll. of St. Rose
Physical therapist student	36	Russell Sage Coll., Troy, N.Y.
Pharmacy student	38	Albany Coll. of Pharmacy
Medical technologist student (AMA - approved)	18	Albany Medical Center Hospital
Cytotechnologist student (AMA - approved)	6	Albany School of Cytotechnology
Hospital librarian work-study	1	State Univ. of New York
Radiologic technologist trainee (AMA - approved)	11	Hudson Valley Comm. Coll., Troy, N.Y.
Nurse anesthetist trainee	10	Albany Medical Center Hospital
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Management analyst trainee	1	VA Hospital Albany, N.Y.
Assistant hospital director trainee	1	VA Hospital Albany, N.Y.
Total	792	

VA HOSPITAL: BATAVIA, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	1	State Univ. of New York, Buffalo, N.Y.
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Total	2	

VA CENTER: BATH, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	28	Keuka Coll., Keuka, N.Y.
Total	28	

VA HOSPITAL: BRONX, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	174	
Medical intern	26	
Career psychiatry resident	2	
Career radiology resident	7	
Career pathology resident	1	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	48	Mt. Sinai Sch. of Medicine, New York, N.Y.
Audiology & speech pathology student (doctoral)	10	Columbia Univ., Teachers Coll., New York, N.Y. City Univ. of New York, New York, N.Y.
Psychology student (graduate trg.)	20	Columbia Univ., Teachers Coll., New York, N.Y. New York Univ., New York, N.Y. Fordham Univ.

Training Program	Nu Tr
Social work student (master's degree)	
Occupational therapist student	
Physical therapist student	
Corrective therapist student	
Dietetic intern	
Hospital administrative trainee	
Total	

BATAVIA, NEW YORK – FISCAL YEAR 1971

e	Number of Trainees	Cooperating Institutions
	1	State Univ. of New York, Buffalo, N.Y.
ee	1	Ithaca Coll., Ithaca, N.Y.
	2	

BATH, NEW YORK – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	28	Keuka Coll., Keuka, N.Y.
	28	

BRONX, NEW YORK – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	174	
	26	
	2	
	7	
	1	
	2	
	1	
	1	
chool	48	Mt. Sinai Sch. of Medicine, New York, N.Y.
y	10	Columbia Univ., Teachers Coll., New York, N.Y. City Univ. of New York, New York, N.Y.
trg.)	20	Columbia Univ., Teachers Coll., New York, N.Y. New York Univ., New York, N.Y. Fordham Univ.

Training Program	Number of Trainees	Cooperating Institutions
		City Univ. of New York, New York, N.Y. Yeshiva Univ., New York, N.Y. Adelphi Univ., Garden City, N.Y.
Social work student (master's degree)	4	Columbia Univ., Teachers Coll., New York, N.Y. New York Univ., New York, N.Y.
Occupational therapist student	26	Virginia Commonwealth Univ., Richmond, Va. Boston Univ., Boston, Mass. St. Catherine's Coll., St. Paul, Minn. Columbia Univ., New York, N.Y. New York Univ., New York, N.Y. Eastern Michigan Univ., Ypsilanti, Mich. Western Michigan Univ., Kalamazoo, Mich. New Hampshire Univ., Durham, N.H. Univ. of Puget Sound, Tacoma, Wash. Temple Univ., Philadelphia, Pa. State Univ. of New York, Buffalo, N.Y. State Univ. of New York, Downstate Medical Center, New York, N.Y. Wayne State Univ., Detroit, Mich. Univ. of Kansas, Lawrence, Kansas
Physical therapist student	30	Univ. of Puerto Rico, Rio Piedras, P.R. Columbia Univ., New York, N.Y. Ithaca Coll., Ithaca, N.Y. New York Univ., New York, N.Y.
Corrective therapist student	12	Long Island Univ., Brooklyn, N.Y. City Univ. of New York
Dietetic intern	26	
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Total	391	

VA HOPSITAL: BROOKLYN, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	77	
Medical intern	12	
Dental resident (noncareer)	3	
Dental intern (noncareer)	3	
Medical student in first 2 school years	32	State Univ. of New York Downstate Medical Center
Dental hygienist trainee	12	New York Comm. Coll.
Basic nursing student	626	Methodist Hospital, Sch. of Nursing Kingsborough Comm. Coll. Staten Island Comm. Coll., Staten Island, N.Y. Long Island Univ. Wagner Coll., Staten Island, N.Y.
Practical nurse student	78	M.D.T.A., Board of Education of New York City, New York, N.Y.
Audiology & speech pathology student (doctoral)	2	Columbia Univ., New York, N.Y.
Audiology & speech pathology student (master's degree)	12	Columbia Univ., New York, N.Y.
Psychology student (graduate trg.)	15	New York Univ., New York, N.Y. Adelphi Coll., Garden City, N.Y. Fordham Univ., New York, N.Y. Columbia Univ., New York, N.Y. Duke Univ., Durham, N.C. Yeshiva Coll., New York, N.Y.
Social work student (master's degree)	3	Adelphi Coll., Garden City, N.Y. Columbia Univ., New York, N.Y.
Physical therapist student	12	Hunter Coll., New York, N.Y. Downstate Medical Center
Corrective therapist student	12	New York Univ., New York, N.Y. Long Island Univ.
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Building management officer trainee	1	
Total	901	

VA OUTPATIENT CLINIC: BROOKLYN, NEW

Training Program	Number of Trainees
Social work student (master's degree)	8
Total	8

VA HOSPITAL: BUFFALO, NEW YORK

Training Program	Number of Trainees
Medical resident (noncareer)	65
Medical intern	2
Career PM&R resident	1
Dental resident (noncareer)	1
Dental intern (noncareer)	1
Career dental resident	3
Career dental intern	1
Medical student in first 2 school years	16
Medical student in second 2 school years	69
Dental assistant trainee	5
Dental hygienist trainee	2
Basic nursing student	187
Audiology & speech pathology student (master's degree)	2
Audiology & speech pathology student (baccalaureate)	1
Psychology student (graduate trg.)	16
Vocational rehabilitation counselor student	1
Social work student (master's degree)	2
Social work student (baccalaureate)	6

OOKLYN, NEW YORK – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	77	
	12	
	3	
	3	
ol		
	32	State Univ. of New York Downstate Medical Center
	12	New York Comm. Coll.
	626	Methodist Hospital, Sch. of Nursing Kingsborough Comm. Coll. Staten Island Comm. Coll., Staten Island, N.Y. Long Island Univ. Wagner Coll., Staten Island, N.Y.
	78	M.D.T.A., Board of Education of New York City, New York, N.Y.
	2	Columbia Univ., New York, N.Y.
	12	Columbia Univ., New York, N.Y.
rg.)	15	New York Univ., New York, N.Y. Adelphi Coll., Garden City, N.Y. Fordham Univ., New York, N.Y. Columbia Univ., New York, N.Y. Duke Univ., Durham, N.C. Yeshiva Coll., New York, N.Y.
	3	Adelphi Coll., Garden City, N.Y. Columbia Univ., New York, N.Y.
	12	Hunter Coll., New York, N.Y. Downstate Medical Center
	12	New York Univ., New York, N.Y. Long Island Univ.
	1	Ithaca Coll., Ithaca, N.Y.
rainee	1	
	901	

VA OUTPATIENT CLINIC: BROOKLYN, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	8	
Total	8	

VA HOSPITAL: BUFFALO, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	65	
Medical intern	2	
Career PM&R resident	1	
Dental resident (noncareer)	1	
Dental intern (noncareer)	1	
Career dental resident	3	
Career dental intern	1	
Medical student in first 2 school years	16	State Univ. of New York at Buffalo, Sch. of Medicine
Medical student in second 2 school years	69	State Univ. of New York at Buffalo, Sch. of Medicine
Dental assistant trainee	5	Niagara Comm. Coll., Dental Assistant Sch., Niagara Falls, N.Y.
Dental hygienist trainee	2	Erie Comm. Coll.
Basic nursing student	187	D'Youville Coll., Sch. of Nursing State Univ. of New York at Buffalo, Sch. of Nursing
Audiology & speech pathology student (master's degree)	2	State Univ. of New York at Buffalo
Audiology & speech pathology student (baccalaureate)	1	State Univ. Coll. at Buffalo
Psychology student (graduate trg.)	16	State Univ. of New York at Buffalo Univ. of Rochester, Rochester, N.Y.
Vocational rehabilitation counselor student	1	State Univ. of New York at Buffalo
Social work student (master's degree)	2	State Univ. of New York at Buffalo
Social work student (baccalaureate)	6	State Univ. of New York at Buffalo

Training Program	Number of Trainees	Cooperating Institutions
Occupational therapist student	6	State Univ. of New York at Buffalo Colorado State Univ., Sch. of Occupational Therapy, Fort Collins, Colo. Eastern Michigan Univ., Sch. of Occupational Therapy, Ypsilanti, Mich. Virginia Commonwealth Univ., Sch. of Occupational Therapy, Richmond, Va.
Physical therapist student	52	State Univ. of New York at Buffalo
Manual arts therapist student	2	State Univ. of New York at Buffalo
Corrective therapist student	1	State Univ. of New York at Buffalo
Occupational therapy assistant trainee	76	State Univ. of New York at Buffalo
Pharmacy intern	1	
Dietetic intern	1	Case Western Reserve, Cleveland, Ohio
Medical technologist student (AMA - approved)	32	State Univ. of New York at Buffalo, Clinical Center
Hospital librarian work-study	1	State Univ. of New York at Buffalo, Sch. of Information and Library Studies
Nuclear medicine technologist trainee (AMA - approved)	3	State Univ. of New York at Buffalo, Sch. of Medical Technology
Hospital administration resident	1	George Washington Univ., Dept. of Health Care Admin., Washington, D.C.
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Personnel management specialist trainee	2	
Building management officer trainee	1	
Assistant hospital director trainee	1	
Miscellaneous physician training	4	State Univ. of New York at Buffalo, Sch. of Medicine
Miscellaneous allied health training	3	State Univ. of New York at Buffalo, Sch. of Medicine
Total	569	

VA HOSPITAL: CANANDAIGUA, N

Training Program	Nun Trai
Basic nursing student	
Practical nurse student	
Psychology student (postdoctoral)	
Social work student (master's degree)	
Manual arts therapist student	
Food service worker trainee	
Hospital administrative trainee	
Total	1

VA HOSPITAL: CASTLE POINT, N

Training Program	Num Trai
Medical resident (noncareer)	
Dental assistant trainee	
Basic nursing student	
Total	

	Number of Trainees	Cooperating Institutions
nt	6	State Univ. of New York at Buffalo Colorado State Univ., Sch. of Occupational Therapy, Fort Collins, Colo. Eastern Michigan Univ., Sch. of Occupational Therapy, Ypsilanti, Mich. Virginia Commonwealth Univ., Sch. of Occupational Therapy, Richmond, Va.
	52	State Univ. of New York at Buffalo
	2	State Univ. of New York at Buffalo
	1	State Univ. of New York at Buffalo
t	76	State Univ. of New York at Buffalo
	1	
	1	Case Western Reserve, Cleveland, Ohio
	32	State Univ. of New York at Buffalo, Clinical Center
	1	State Univ. of New York at Buffalo, Sch. of Information and Library Studies
	3	State Univ. of New York at Buffalo, Sch. of Medical Technology
nt	1	George Washington Univ., Dept. of Health Care Admin., Washington, D.C.
e	1	Ithaca Coll., Ithaca, N.Y.
ist	2	
rainee	1	
nee	1	
ng	4	State Univ. of New York at Buffalo, Sch. of Medicine
	3	State Univ. of New York at Buffalo, Sch. of Medicine
	569	

VA HOSPITAL: CANANDAIGUA, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	81	Comm. Coll. of the Finger Lakes Roberts Weslyan Coll., Rochester, N.Y. Keuka Coll., Penn Yan, N.Y.
Practical nurse student	36	St. Francis Hospital, Olean, N.Y. Board of Cooperative Educational Services, Flint, N.Y.
Psychology student (postdoctoral)	3	Univ. of Rochester, Rochester, N.Y.
Social work student (master's degree)	1	Syracuse Univ., Syracuse, N.Y.
Manual arts therapist student	3	State Univ. Coll., Oswego, N.Y.
Food service worker trainee	17	Board of Cooperative Educational Services, Flint, N.Y. Canandaigua Academy
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Total	142	

VA HOSPITAL: CASTLE POINT, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	7	
Dental assistant trainee	10	Dutchess Comm. Coll., Poughkeepsie, N.Y.
Basic nursing student	44	Dutchess Comm. Coll., Poughkeepsie, N.Y. Mount St. Mary's Coll., Newburgh, N.Y.
Total	61	

VA HOSPITAL: MONTROSE, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental intern (noncareer)	1	
Dental assistant trainee	14	Dutchess Comm. Coll., Poughkeepsie, N.Y. Boches, Yorktown Heights, N.Y.
Basic nursing student	269	Boches, Yorktown Heights, N.Y. St. Joseph's Hospital, Elmira, N.Y. Arnot-Ogden Memorial Hospital, Elmira, N.Y.
Psychology student (graduate trg.)	23	Fordham Univ., New York, N.Y. Teachers Coll., Columbia Univ., New York, N.Y.
Social work student (master's degree)	6	Fordham Univ., New York, N.Y. New York Univ., New York, N.Y.
Physical therapist student	9	Columbia Univ., New York, N.Y.
Dietetic intern	12	VA Hospital Bronx, New York
Total	334	

VA HOSPITAL: NEW YORK, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	216	
Medical intern	116	
Career psychiatry resident	6	
Career PM&R resident	1	
Career anesthesiology resident	1	
Dental resident (noncareer)	9	
Dental intern (noncareer)	2	
Career dental resident	1	
Medical student in second 2 school years	95	New York University
Research & education trainee	1	
Basic nursing student	334	Hunter Coll. Skidmore Coll.
Graduate nursing student	44	Teachers Coll. New York Univ.
Practical nurse student	370	MDTP
Audiology & speech pathology student (doctoral)	3	Teachers Coll. Graduate Sch. City Univ.
Audiology & speech pathology student (master's degree)	17	Teachers Coll. Hunter Coll.

Training Program	Nu Trai
Psychology student (graduate trg.)	
Social work student (master's degree)	
Social work student (baccalaureate)	
Occupational therapist student	
Physical therapist student	
Pharmacy intern	
Dietetic student	
Nurse anesthetist trainee	
Chief nurse trainee	
Assistant hospital director trainee	
Total	1,

VA PROSTHETICS CENTER: NEW YO

Training Program	Nu Trai
Orthotist-prosthetist trainee	
Restoration technician trainee	
Total	

VA HOSPITAL: NORTHPORT, N

Training Program	Nu Tra
Dental hygienist trainee	
Graduate nursing student	

MONTROSE, NEW YORK – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	1	
	14	Dutchess Comm. Coll., Poughkeepsie, N.Y. Boches, Yorktown Heights, N.Y.
	269	Boches, Yorktown Heights, N.Y. St. Joseph's Hospital, Elmira, N.Y. Arnot-Ogden Memorial Hospital, Elmira, N.Y.
ate trg.)	23	Fordham Univ., New York, N.Y. Teachers Coll., Columbia Univ., New York, N.Y.
	6	Fordham Univ., New York, N.Y. New York Univ., New York, N.Y.
	9	Columbia Univ., New York, N.Y.
	12	VA Hospital Bronx, New York
	334	

NEW YORK, NEW YORK – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	216	
	116	
	6	
	1	
dent	1	
)	9	
	2	
	1	
2 school	95	New York University
nee	1	
	334	Hunter Coll. Skidmore Coll.
	44	Teachers Coll. New York Univ.
	370	MDTP
ology	3	Teachers Coll. Graduate Sch. City Univ.
ology e)	17	Teachers Coll. Hunter Coll.

Training Program	Number of Trainees	Cooperating Institutions
		City Coll.
Psychology student (graduate trg.)	29	City Coll. Teachers Coll. Fordham Univ. New York Univ. Yeshiva Univ. Adelphi Coll., Garden City, N.Y. Penn State Univ., College Park, Pa.
Social work student (master's degree)	8	Columbia Univ. Fordham Univ. Hunter Coll. New York Univ.
Social work student (baccalaureate)	5	New York Univ.
Occupational therapist student	2	Columbia Univ.
Physical therapist student	18	New York Univ. Hunter Coll. Columbia Univ. Ithaca Coll., Ithaca, N.Y.
Pharmacy intern	6	
Dietetic student	3	New York Univ.
Nurse anesthetist trainee	15	Bellevue Hospital Center
Chief nurse trainee	2	
Assistant hospital director trainee	1	
Total	1,305	

VA PROSTHETICS CENTER: NEW YORK, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Orthotist-prosthetist trainee	16	New York Univ.
Restoration technician trainee	2	
Total	18	

VA HOSPITAL: NORTHPORT, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental hygienist trainee	112	State Univ. of New York, Farmingdale, N.Y.
Graduate nursing student	2	Adelphi Univ., Garden City, N.Y.

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	21	Teachers Coll., Columbia Univ., New York, N.Y. State Univ. of New York at Stony Brook, Stony Brook, N.Y. Texas Technological Univ., Lubbock, Texas Catholic Univ., Washington, D.C. Fordham Univ., Bronx, N.Y. Adelphi Univ., Garden City, N.Y. Univ. of North Carolina, Chapel Hill, N.C. Univ. of Tennessee, Knoxville, Tenn. Long Island Univ., Brooklyn, N.Y. City Coll., City Univ. of New York, New York, N.Y.
Social work student (master's degree)	4	Adelphi Univ., Garden City, N.Y. Hunter Coll., New York, N.Y.
Social work student (baccalaureate)	6	State Univ. of New York, Farmingdale, N.Y.
Occupational therapist student	14	Virginia Commonwealth Univ., Richmond, Va. Univ. of Puerto Rico, San Juan, P.R. Sargent Coll., Boston Univ., Boston, Mass. New York Univ., New York, N.Y. Temple Univ., Philadelphia, Pa. Tufts Univ., Boston, Mass. West Michigan Univ., Kalamazoo, Mich. Coll. of St. Catherine, St. Paul, Minn. Downstate Medical Center, State Univ. of New York, Brooklyn, N.Y.
Physical therapist student	8	Univ. of Puerto Rico, San Juan, P.R.
Corrective therapist student	1	Adelphi Univ., Garden City, N.Y.
Hospital librarian work-study	2	C. W. Post Coll., Brookville, N.Y. Queens Coll., New York, N.Y.
Chief of staff trainee	1	

Training Program	Number Trainees
Personnel management specialist trainee	2
Total	173

VA HOSPITAL: SYRACUSE, NEW Y

Training Program	Number Trainees
Medical resident (noncareer)	108
Medical intern	42
Career psychiatry resident	1
Medical student in second 2 school years	111
Basic nursing student	38
Practical nurse student	72
Audiology & speech pathology student (doctoral)	4
Audiology & speech pathology student (master's degree)	3
Psychology student (graduate trg.)	22
Psychology student (baccalaureate)	18
Vocational rehabilitation counselor student	7
Social work student (master's degree)	4
Recreation specialist student	1
Dietetic student	3
Hospital librarian work-study	1
Hospital administrative trainee	1
Personnel management specialist trainee	1
Assistant hospital director trainee	1
Total	438

	Number of Trainees	Cooperating Institutions
aduate trg.)	21	Teachers Coll., Columbia Univ., New York, N.Y. State Univ. of New York at Stony Brook, Stony Brook, N.Y. Texas Technological Univ., Lubbock, Texas Catholic Univ., Washington, D.C. Fordham Univ., Bronx, N.Y. Adelphi Univ., Garden City, N.Y. Univ. of North Carolina, Chapel Hill, N.C. Univ. of Tennessee, Knoxville, Tenn. Long Island Univ., Brooklyn, N.Y. City Coll., City Univ. of New York, New York, N.Y.
	4	Adelphi Univ., Garden City, N.Y. Hunter Coll., New York, N.Y.
accalaureate)	6	State Univ. of New York, Farmingdale, N.Y.
student	14	Virginia Commonwealth Univ., Richmond, Va. Univ. of Puerto Rico, San Juan, P.R. Sargent Coll., Boston Univ., Boston, Mass. New York Univ., New York, N.Y. Temple Univ., Philadelphia, Pa. Tufts Univ., Boston, Mass. West Michigan Univ., Kalamazoo, Mich. Coll. of St. Catherine, St. Paul, Minn. Downstate Medical Center, State Univ. of New York, Brooklyn, N.Y.
ent	8	Univ. of Puerto Rico, San Juan, P.R.
dent	1	Adelphi Univ., Garden City, N.Y.
-study	2	C. W. Post Coll., Brookville, N.Y. Queens Coll., New York, N.Y.
	1	

Training Program	Number of Trainees	Cooperating Institutions
Personnel management specialist trainee	2	
Total	173	

VA HOSPITAL: SYRACUSE, NEW YORK – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	108	
Medical intern	42	
Career psychiatry resident	1	
Medical student in second 2 school years	111	State Univ. of New York Upstate Medical Center
Basic nursing student	38	Syracuse Univ. Sch. of Nursing
Practical nurse student	72	Syracuse Sch. of Practical Nursing
Audiology & speech pathology student (doctoral)	4	Syracuse Univ. Ithaca Coll., Ithaca, N.Y.
Audiology & speech pathology student (master's degree)	3	Syracuse Univ. Ithaca Coll., Ithaca, N.Y.
Psychology student (graduate trg.)	22	Syracuse Univ. Univ. of Rochester, Rochester, N.Y. State Univ. of New York, Oswego, N.Y.
Psychology student (baccalaureate)	18	Syracuse Univ. Colgate Univ., Hamilton, N.Y.
Vocational rehabilitation counselor student	7	Sch. of Special Education, Syracuse Univ.
Social work student (master's degree)	4	Sch. of Social Work, Syracuse Univ.
Recreation specialist student	1	State Univ. of New York, Cortland, N.Y.
Dietetic student	3	Syracuse Univ.
Hospital librarian work-study	1	Syracuse Univ.
Hospital administrative trainee	1	Ithaca Coll., Ithaca, N.Y.
Personnel management specialist trainee	1	
Assistant hospital director trainee	1	
Total	438	

VA HOSPITAL: DURHAM, NORTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	198	
Medical intern	48	
Career psychiatry resident	2	
Career pathology resident	1	
Dental resident (noncareer)	2	
Medical student in second 2 school years	74	Duke Univ. Sch. of Medicine
Research and education trainee	7	Duke Univ. Sch. of Medicine
Basic nursing student	54	Duke Univ. Sch. of Nursing North Carolina Central Univ. Sch. of Nursing Univ. of North Carolina Sch. of Nursing, Chapel Hill, N.C.
Audiology & speech pathology student (master's degree)	3	Univ. of North Carolina at Greensboro, Greensboro, N.C.
Psychology student (graduate trg.)	12	Duke Univ. Univ. of North Carolina, Chapel Hill, N.C.
Social work student (master's degree)	6	Univ. of North Carolina Sch. of Social Work, Chapel Hill, N.C.
Physical therapist student	2	Duke Univ.
Medical technologist student (AMA - approved)	23	Duke Univ.
Pathologist's assistant trainee	4	Duke Univ.
Radiologic technologist trainee (AMA - approved)	23	Duke Univ.
Physician's assistant trainee	13	Duke Univ.
Hospital administrative resident	6	Duke Univ.
Graduate hospital administrator trainee	2	Duke Univ.
Assistant hospital director trainee	2	
Total	482	

VA HOSPITAL: FAYETTEVILLE, NORTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	83	Fayetteville Tech. Institute Highsmith-Rainey Memorial Hospital Sandhills Comm. Coll., Southern Pines, N.C.

Training Program	N T
Certified laboratory assistant trainee (AMA - approved)	
Total	

VA HOSPITAL: OTEEN, NORTH

Training Program	N T
Medical resident (noncareer)	
Audiology & speech pathology student (master's degree)	
Social work student (baccalaureate)	
Occupational therapist student	
Radiologic technologist trainee (AMA - approved)	
Physician's assistant trainee	
Hospital administration resident	
Assistant hospital director trainee	
Miscellaneous nurse training	
Total	

VA HOSPITAL: SALISBURY, NOR

Training Program	N T
Dental assistant trainee	
Dental hygienist trainee	
Basic nursing student	
Psychology student (graduate trg.)	

DURHAM, NORTH CAROLINA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
reer)	198	
	48	
ent	2	
nt	1	
eer)	2	
nd 2 school	74	Duke Univ. Sch. of Medicine
trainee	7	Duke Univ. Sch. of Medicine
	54	Duke Univ. Sch. of Nursing North Carolina Central Univ. Sch. of Nursing Univ. of North Carolina Sch. of Nursing, Chapel Hill, N.C.
thology egree)	3	Univ. of North Carolina at Greensboro, Greensboro, N.C.
aduate trg.)	12	Duke Univ. Univ. of North Carolina, Chapel Hill, N.C.
	6	Univ. of North Carolina Sch. of Social Work, Chapel Hill, N.C.
ent	2	Duke Univ.
udent	23	Duke Univ.
trainee	4	Duke Univ.
t trainee	23	Duke Univ.
ainee	13	Duke Univ.
e resident	6	Duke Univ.
inistrator	2	Duke Univ.
ctor trainee	2	
	482	

AYETTEVILLE, NORTH CAROLINA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	83	Fayetteville Tech. Institute Highsmith-Rainey Memorial Hospital Sandhills Comm. Coll., Southern Pines, N.C.

Training Program	Number of Trainees	Cooperating Institutions
Certified laboratory assistant trainee (AMA - approved)	12	W. W. Holding Tech. Institute, Raleigh, N.C.
Total	95	

VA HOSPITAL: OTEEN, NORTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	16	
Audiology & speech pathology student (master's degree)	1	Univ. of Georgia, Athens, Ga.
Social work student (baccalaureate)	3	Warren Wilson Coll., Swannanoa, N.C. Western Carolina Univ., Cullowhee, N.C.
Occupational therapist student	3	Washington Univ., St. Louis, Mo. Univ. of Wisconsin, Madison, Wisc.
Radiologic technologist trainee (AMA - approved)	1	C. J. Harris Comm. Hospital, Sylva, N.C.
Physician's assistant trainee	3	Duke Univ., Durham, N.C.
Hospital administration resident	1	Wagner Coll., New York, N.Y.
Assistant hospital director trainee	2	
Miscellaneous nurse training	5	
Total	35	

VA HOSPITAL: SALISBURY, NORTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental assistant trainee	24	Guilford Tech. Institute, Jamestown, N.C.
Dental hygienist trainee	38	Central Piedmont Comm. Coll., Charlotte, N.C.
Basic nursing student	56	Winston-Salem State Univ., Winston-Salem, N.C. Sch. of Nursing, Univ. of North Carolina, Greensboro, N.C.
Psychology student (graduate trg.)	5	Wake Forest Univ., Winston-Salem, N.C.

Training Program	Number of Trainees	Cooperating Institutions
		Univ. of North Carolina, Chapel Hill, N.C. Univ. of South Carolina, Columbia, S.C. Univ. of Tennessee, Knoxville, Tenn.
Social work student (master's degree)	5	Univ. of Georgia Sch. of Social Work, Athens, Ga.
Social work student (baccalaureate)	11	North Carolina A&T State Univ., Greensboro, N.C.
Physical therapist student	1	Univ. of North Carolina, Chapel Hill, N.C.
Physical therapy assistant trainee	4	Central Piedmont Comm. Coll., Charlotte, N.C.
Physician's assistant trainee	2	Bowman-Gray Sch. of Medicine, Wake Forest Univ., Winston-Salem, N.C.
Personnel management specialist trainee	1	
Total	147	

VA CENTER: FARGO, NORTH DAKOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (postdoctoral)	1	Univ. of North Dakota, Grand Forks, N.D.
Social work student (baccalaureate)	2	Concordia Coll., Moorhead, Minn.
Occupational therapist student	1	Univ. of North Dakota, Grand Forks, N.D.
Pharmacy intern	2	North Dakota State Univ.
Pharmacy resident	1	North Dakota State Univ.
Dietetic intern affiliate	1	VA Hospital Hines, Ill.
Dietetic student	4	North Dakota State Univ.
Food service worker trainee	1	Alexandria Area Tech. Institute, Alexandria, Minn.
Total	13	

VA HOSPITAL: BRECKSVILLE, OH

Training Program	Number o Trainees
Dental hygienist trainee	34
Basic nursing student	239
Psychology student (graduate trg.)	21
Social work student (master's degree)	6
Corrective therapist student	3
Podiatry student	60
Chief nurse trainee	1
Personnel management specialist trainee	1
Director, voluntary service trainee	1
Total	366

VA HOSPITAL: CHILLICOTHE, OHI

Training Program	Number o Trainees
Graduate nursing student	5
Psychology student (graduate trg.)	12
Social work student (master's degree)	7
Miscellaneous allied health training	16
Total	40

	Number of Trainees	Cooperating institutions
		Univ. of North Carolina, Chapel Hill, N.C. Univ. of South Carolina, Columbia, S.C. Univ. of Tennessee, Knoxville, Tenn.
	5	Univ. of Georgia Sch. of Social Work, Athens, Ga.
eate)	11	North Carolina A&T State Univ., Greensboro, N.C.
	1	Univ. of North Carolina, Chapel Hill, N.C.
ee	4	Central Piedmont Comm. Coll., Charlotte, N.C.
	2	Bowman-Gray Sch. of Medicine, Wake Forest Univ., Winston-Salem, N.C.
st	1	
	147	

GO, NORTH DAKOTA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ral)	1	Univ. of North Dakota, Grand Forks, N.D.
eate)	2	Concordia Coll., Moorhead, Minn.
	1	Univ. of North Dakota, Grand Forks, N.D.
	2	North Dakota State Univ.
	1	North Dakota State Univ.
	1	VA Hospital Hines, Ill.
	4	North Dakota State Univ.
	1	Alexandria Area Tech. Institute, Alexandria, Minn.
	13	

VA HOSPITAL: BRECKSVILLE, OHIO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental hygienist trainee	34	Cuyahoga Comm. Coll., Cleveland, Ohio
Basic nursing student	239	Cuyahoga Comm. Coll., Cleveland, Ohio Kent State Univ., Kent, Ohio
Psychology student (graduate trg.)	21	Case Western Reserve Univ., Cleveland, Ohio Kent State Univ., Kent, Ohio Ohio State Univ., Columbus, Ohio
Social work student (master's degree)	6	Case Western Reserve Univ., Cleveland, Ohio
Corrective therapist student	3	Kent State Univ., Kent, Ohio Central State Univ., Wilberforce, Ohio Univ. of Dayton, Dayton, Ohio
Podiatry student	60	Case Western Reserve Univ., Cleveland, Ohio
Chief nurse trainee	1	
Personnel management specialist trainee	1	
Director, voluntary service trainee	1	
Total	366	

VA HOSPITAL: CHILLICOTHE, OHIO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Graduate nursing student	5	Coll. of Nursing, The Ohio State Univ., Columbus, Ohio
Psychology student (graduate trg.)	12	Dept. of Psychology, The Ohio State Univ., Columbus, Ohio Dept. of Psychology, Ohio Univ., Athens, Ohio
Social work student (master's degree)	7	Sch. of Social Work, The Ohio State Univ., Columbus, Ohio Sch. of Social Work, West Virginia Univ., Morgantown, W. Va.
Miscellaneous allied health training	16	Muskingum Coll., New Concord, Ohio
Total	40	

VA HOSPITAL: CINCINNATI, OHIO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	135	
Medical intern	48	
Career psychiatry resident	3	
Medical student in first 2 school years	29	Univ. of Cincinnati
Medical student in second 2 school years	191	Univ. of Cincinnati
Research & education trainee	1	Univ. of Cincinnati
Basic nursing student	120	Univ. of Cincinnati
Graduate nursing student	13	Univ. of Cincinnati
Audiology & speech pathology student (master's degree)	2	Univ. of Cincinnati
Psychology student (graduate trg.)	18	Univ. of Cincinnati
Psychology student (postdoctoral)	1	Univ. of Cincinnati
Vocational rehabilitation counselor student	2	Univ. of Cincinnati
Social work student (master's degree)	6	Ohio State Univ., Columbus, Ohio
Occupational therapist student	1	Ohio State Univ., Columbus, Ohio
Physical therapist student	14	Indiana Univ., Indianapolis, Ind. Ohio State Univ., Columbus, Ohio Univ. of Kentucky, Lexington, Ky.
Pharmacy resident	7	Univ. of Cincinnati
Dietetic intern	2	VA Hospital Hines, Ill. VA Hospital Cleveland, Ohio
Medical assistant trainee	8	Cincinnati Tech. Institute
Personnel management specialist trainee	2	
Assistant hospital director trainee	1	
Total	604	

VA HOSPITAL: CLEVELAND, OHIO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	122	
Medical intern	14	
Career radiology resident	1	
Dental intern (noncareer)	2	

Training Program
Career dental intern
Medical student in first 2 school years
Medical student in second 2 school years
Research & education trainee
Dental assistant trainee
Dental laboratory technician trainee
Basic nursing student
Audiology & speech pathology student (doctoral)
Audiology & speech pathology student (master's degree)
Psychology student (graduate trg.)
Psychology student (baccalaureate)
Social work student (doctoral)
Social work student (master's degree)
Physical therapist student
Corrective therapist student
Physical therapy assistant trainee
Dietetic intern

TAL: CINCINNATI, OHIO – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
reer)	135	
	48	
ent	3	
2 school		
	29	Univ. of Cincinnati
nd 2 school		
	191	Univ. of Cincinnati
rainee	1	Univ. of Cincinnati
	120	Univ. of Cincinnati
nt	13	Univ. of Cincinnati
thology		
gree)	2	Univ. of Cincinnati
duate trg.)	18	Univ. of Cincinnati
stdoctoral)	1	Univ. of Cincinnati
n		
	2	Univ. of Cincinnati
	6	Ohio State Univ., Columbus, Ohio
student	1	Ohio State Univ., Columbus, Ohio
nt	14	Indiana Univ., Indianapolis, Ind. Ohio State Univ., Columbus, Ohio Univ. of Kentucky, Lexington, Ky.
	7	Univ. of Cincinnati
	2	VA Hospital Hines, Ill. VA Hospital Cleveland, Ohio
e	8	Cincinnati Tech. Institute
specialist		
	2	
tor trainee	1	
	604	

TAL: CLEVELAND, OHIO – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
reer)	122	
	14	
t	1	
r)	2	

Training Program	Number of Trainees	Cooperating Institutions
Career dental intern	1	
Medical student in first 2 school years	32	Case Western Reserve Univ. Medical Sch.
Medical student in second 2 school years	25	Case Western Reserve Univ. Medical Sch.
Research & education trainee	4	Case Western Reserve Univ. Medical Sch.
Dental assistant trainee	6	Case Western Reserve Univ. Sch. of Dentistry
Dental laboratory technician trainee	2	Cleveland Job Corps for Women
Basic nursing student	122	St. John's Coll. Cuyahoga Comm. Coll. Sch. of Nursing
Audiology & speech pathology student (doctoral)	2	Case Western Reserve Univ. Cleveland State Univ. Sch. of Audiology & Speech
Audiology & speech pathology student (master's degree)	2	Case Western Reserve Univ. Cleveland State Univ. Sch. of Audiology & Speech
Psychology student (graduate trg.)	10	Case Western Reserve Univ. Kent State Univ. Sch. of Psychology, Kent, Ohio
Psychology student (baccalaureate)	2	Case Western Reserve Univ. Kent State Univ. Sch. of Psychology, Kent, Ohio
Social work student (doctoral)	1	Case Western Reserve Univ. Kent State Univ. Sch. of Social Work, Kent, Ohio
Social work student (master's degree)	27	Case Western Reserve Univ. Kent State Univ. Sch. of Social Work, Kent, Ohio
Physical therapist student	11	Case Western Reserve Univ. Ohio State Univ. Sch. of Physical Therapy, Columbus, Ohio
Corrective therapist student	3	Kent State Univ. Sch. of Corrective Therapy, Kent, Ohio
Physical therapy assistant trainee	2	Cuyahoga Comm. Coll. Sch. of Physical Therapy
Dietetic intern	25	Case Western Reserve Univ. Univ. Hospitals Mount Sinai Hospital Sch. of Home Economics

Training Program	Number of Trainees	Cooperating Institutions
Certified laboratory assistant trainee (AMA - approved)	4	Cuyahoga Comm. Coll. Sch. of Laboratory Assisting
Hospital librarian work-study	2	Case Western Reserve Univ. Sch. of Library Science
Prosthetic representative trainee	1	
Total	423	

VA CENTER: DAYTON, OHIO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	51	
Dental intern (noncareer)	1	
Career dental intern	1	
Basic nursing student	63	Kettering Coll. of Medical Arts
Psychology student (graduate trg.)	8	Ohio State Univ. Dept. of Psychology, Counseling Psychology Division, Columbus, Ohio Miami Univ. of Ohio Psychology Dept., Oxford, Ohio
Psychology student (baccalaureate)	10	Sinclair Comm. Coll.
Social work student (baccalaureate)	1	Wright State Univ.
Physical therapist student	13	Ohio State Univ., Columbus, Ohio Univ. of Kentucky, Lexington, Ky.
Corrective therapist student	1	Central State Univ., Wilberforce, Ohio
Dietetic student	3	Univ. of Dayton Home Economics Dept.
Electroencephalograph technician trainee	1	Greene Memorial Hospital, Xenia, Ohio
Personnel management specialist trainee	2	
Miscellaneous allied health training	4	Sinclair Comm. Coll.
Total	159	

VA HOSPITAL: MUSKOGEE, OKLAHOMA – FISCA

Training Program	Number of Trainees	Cooper
Medical resident (noncareer)	2	
Social work student (master's degree)	4	Univ. No
Total	6	

VA HOSPITAL: OKLAHOMA CITY, OKLAHOMA – FIS

Training Program	Number of Trainees	Cooper
Medical resident (noncareer)	140	
Medical intern	31	
Career psychiatry resident	2	
Career radiology resident	7	
Career anesthesiology resident	2	
Dental resident (noncareer)	8	
Dental intern (noncareer)	3	
Medical student in first 2 school years	3	Univ. Cer
Medical student in second 2 school years	177	Univ. Cer
Research and education trainee	20	Univ. Cer
Basic nursing student	106	Univ. No Oklaho Sh
Nursing assistant trainee	18	
Audiology & speech pathology student (doctoral)	23	Univ. No
Psychology student (graduate trg.)	3	Univ. No
Psychology student (postdoctoral)	1	Univ. No
Psychology student (baccalaureate)	1	Univ. No
Social work student (master's degree)	4	Univ. No
Physical therapist student	4	Univ. No
Pharmacy intern	4	
Dietetic intern	1	Univ. Ce

	Number of Trainees	Cooperating Institutions
tant ved)	4	Cuyahoga Comm. Coll. Sch. of Laboratory Assisting
tudy	2	Case Western Reserve Univ. Sch. of Library Science
trainee	1	
	423	

TER: DAYTON, OHIO – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
eer)	51	
)	1	
	1	
	63	Kettering Coll. of Medical Arts
luate trg.)	8	Ohio State Univ. Dept. of Psychology, Counseling Psychology Division, Columbus, Ohio Miami Univ. of Ohio Psychology Dept., Oxford, Ohio
calaureate)	10	Sinclair Comm. Coll.
calaureate)	1	Wright State Univ.
t	13	Ohio State Univ., Columbus, Ohio Univ. of Kentucky, Lexington, Ky.
ent	1	Central State Univ., Wilberforce, Ohio
	3	Univ. of Dayton Home Economics Dept.
echnician	1	Greene Memorial Hospital, Xenia, Ohio
pecialist	2	
h training	4	Sinclair Comm. Coll.
	159	

VA HOSPITAL: MUSKOGEE, OKLAHOMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Social work student (master's degree)	4	Univ. of Oklahoma, Norman, Okla.
Total	6	

VA HOSPITAL: OKLAHOMA CITY, OKLAHOMA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	140	
Medical intern	31	
Career psychiatry resident	2	
Career radiology resident	7	
Career anesthesiology resident	2	
Dental resident (noncareer)	8	
Dental intern (noncareer)	3	
Medical student in first 2 school years	3	Univ. of Oklahoma Medical Center
Medical student in second 2 school years	177	Univ. of Oklahoma Medical Center
Research and education trainee	20	Univ. of Oklahoma Medical Center
Basic nursing student	106	Univ. of Oklahoma, Norman, Okla. Oklahoma Baptist Univ., Shawnee, Okla.
Nursing assistant trainee	18	
Audiology & speech pathology student (doctoral)	23	Univ. of Oklahoma, Norman, Okla.
Psychology student (graduate trg.)	3	Univ. of Oklahoma, Norman, Okla.
Psychology student (postdoctoral)	1	Univ. of Oklahoma, Norman, Okla.
Psychology student (baccalaureate)	1	Univ. of Oklahoma, Norman, Okla.
Social work student (master's degree)	4	Univ. of Oklahoma, Norman, Okla.
Physical therapist student	4	Univ. of Oklahoma, Norman, Okla.
Pharmacy intern	4	
Dietetic intern	1	Univ. of Oklahoma Medical Center

Training Program	Number of Trainees	Cooperating Institutions
Dietetic intern affiliate	8	VA Hospital Houston, Texas
Medical technologist student (AMA - approved)	18	Univ. of Oklahoma, Norman, Okla.
Hospital librarian work-study	1	Univ. of Oklahoma, Norman, Okla.
Radiologic technologist trainee (AMA - approved)	31	Univ. of Oklahoma Medical Center
Ophthalmology technician trainee	2	Univ. of Oklahoma Medical Center
Building management officer trainee	2	
Supply management trainee	1	
Medical administrative trainee	1	
Miscellaneous nurse training	6	Sparks Regional Hospital, Fort Smith, Ark. St. John's Hospital, Tulsa, Okla. Stillwater Municipal Hospital, Stillwater, Okla. Miami Baptist Hospital, Miami, Okla.
Total	628	

VA HOSPITAL: PORTLAND, OREGON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	146	
Medical intern	38	
Career PM&R resident	2	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in second 2 school years	136	Univ. of Oregon Medical Sch.
Research and education trainee	1	
Basic nursing student	86	Univ. of Oregon Medical Sch.
Audiology & speech pathology student (doctoral)	3	Portland State Univ.
Psychology student (graduate trg.)	1	
Occupational therapist student	3	Univ. of Puget Sound, Tacoma, Wash.
Corrective therapist student	2	Eastern Wash. State Coll., Cheney, Wash.
Occupational therapy assistant trainee	8	Mt. Hood Comm. Coll.
Physical therapy assistant trainee	14	Mt. Hood Comm. Coll.
Pharmacy intern	3	
Dietetic intern affiliate	11	
Chief of staff trainee	1	
Graduate engineer trainee	1	
Personnel management specialist trainee	2	
Building management officer trainee	1	
Total	461	

VA HOSPITAL: ROSEBURG, OREGON

Training Program	Number of Trainees
Basic nursing student	88
Practical nurse student	28
Psychology student (graduate trg.)	2
Clinical social science trainee	12
Building management officer trainee	1
Laundry superintendent trainee	1
Total	132

VA DOMICILIARY: WHITE CITY, OREG

Training Program	Number of Trainees
Negative report	

VA HOSPITAL: ALTOONA, PENNSYLVA

Training Program	Number of Trainees
Negative report	

	Number of Trainees	Cooperating Institutions
	8	VA Hospital Houston, Texas
dent		
	18	Univ. of Oklahoma, Norman, Okla.
tudy	1	Univ. of Oklahoma, Norman, Okla.
trainee		
	31	Univ. of Oklahoma Medical Center
an trainee	2	Univ. of Oklahoma Medical Center
ficer		
	2	
nee	1	
ainee	1	
ning	6	Sparks Regional Hospital, Fort Smith, Ark. St. John's Hospital, Tulsa, Okla. Stillwater Municipal Hospital, Stillwater, Okla. Miami Baptist Hospital, Miami, Okla.
	628	

AL: PORTLAND, OREGON – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
eer)	146	
	38	
	2	
)	1	
	1	
d 2 school		
	136	Univ. of Oregon Medical Sch.
trainee	1	
	86	Univ. of Oregon Medical Sch.
ology		
	3	Portland State Univ.
duate trg.)	1	
tudent	3	Univ. of Puget Sound, Tacoma, Wash.
ent	2	Eastern Wash. State Coll., Cheney, Wash.
istant		
	8	Mt. Hood Comm. Coll.
trainee	14	Mt. Hood Comm. Coll.

Training Program	Number of Trainees	Cooperating Institutions
Pharmacy intern	3	Oregon State Univ., Corvallis, Ore.
Dietetic intern affiliate	11	Univ. of Oregon Medical Sch.
Chief of staff trainee	1	
Graduate engineer trainee	1	
Personnel management specialist trainee	2	
Building management officer trainee	1	
Total	461	

VA HOSPITAL: ROSEBURG, OREGON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	88	Lane Comm. Coll., Eugene, Ore. Southern Oregon Coll., Ashland, Ore.
Practical nurse student	28	Umpqua Comm. Coll.
Psychology student (graduate trg.)	2	Univ. of Oregon, Eugene, Ore.
Clinical social science trainee	12	Univ. of Oregon, Sch. of Comm. Service and Public Affairs, Eugene, Ore.
Building management officer trainee	1	
Laundry superintendent trainee	1	
Total	132	

VA DOMICILIARY: WHITE CITY, OREGON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: ALTOONA, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: BUTLER, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Psychology student (graduate trg.)	3	Univ. of Pittsburgh, Pittsburgh, Pa.
Personnel management specialist trainee	1	
Total	4	

VA HOSPITAL: COATESVILLE, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	1	
Career psychiatry resident	1	
Career neurology resident	1	
Medical student in second 2 school years	93	Thomas Jefferson Univ. Jefferson Medical Coll., Philadelphia, Pa.
Basic nursing student	77	Coatesville VA Hospital Community Medical Center, Scranton, Pa. Northeastern Hospital Sch. of Nursing, Philadelphia, Pa.
Psychology student (graduate trg.)	6	Univ. of Maryland, College Park, Md. Temple Univ., Philadelphia, Pa.
Psychology student (baccalaureate)	1	Lincoln Univ., Oxford, Pa.
Social work student (master's degree)	4	Univ. of Pennsylvania Sch. of Social Work, Philadelphia, Pa.
Personnel management specialist trainee	1	
Miscellaneous physician training	3	Delaware State Hospital, New Castle, Delaware
Total	188	

VA HOSPITAL: ERIE, PENNSYLVA

Training Program	Number Trainees
Medical resident (noncareer)	2
Social work student (baccalaureate)	1
Occupational therapy assistant trainee	2
Miscellaneous administrative training	7
Total	12

VA HOSPITAL: LEBANON, PENNSYL

Training Program	Number Trainees
Basic nursing student	28
Physical therapist student	2
Personnel management specialist trainee	1
Total	31

VA HOSPITAL: PHILADELPHIA, PENNSY

Training Program	Number Trainees
Medical resident (noncareer)	180
Medical intern	67
Career PM&R resident	1
Career pathology resident	2
Dental resident (noncareer)	1
Dental intern (noncareer)	1
Career dental intern	1
Medical student in first 2 school years	93
Medical student in second 2 school years	213
Research and education trainee	7
Dental assistant trainee	6
Dental hygienist trainee	36

BUTLER, PENNSYLVANIA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
uate trg.)	3	Univ. of Pittsburgh, Pittsburgh, Pa.
ecialist	1	
	4	

ATESVILLE, PENNSYLVANIA -- FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
er)	1	
	1	
	1	
2 school	93	Thomas Jefferson Univ. Jefferson Medical Coll., Philadelphia, Pa.
	77	Coatesville VA Hospital Community Medical Center, Scranton, Pa. Northeastern Hospital Sch. of Nursing, Philadelphia, Pa.
uate trg.)	6	Univ. of Maryland, College Park, Md. Temple Univ., Philadelphia, Pa.
alaureate)	1	Lincoln Univ., Oxford, Pa.
	4	Univ. of Pennsylvania Sch. of Social Work, Philadelphia, Pa.
ecialist	1	
aining	3	Delaware State Hospital, New Castle, Delaware
	188	

VA HOSPITAL: ERIE, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Social work student (baccalaureate)	1	Gannon Coll.
Occupational therapy assistant trainee	2	Mount Aloysius Jr. Coll., Cresson, Pa.
Miscellaneous administrative training	7	Erie Business Center
Total	12	

VA HOSPITAL: LEBANON, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	28	York Hospital, York, Pa.
Physical therapist student	2	Univ. of Pennsylvania, Philadelphia, Pa.
Personnel management specialist trainee	1	
Total	31	

VA HOSPITAL: PHILADELPHIA, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	180	
Medical intern	67	
Career PM&R resident	1	
Career pathology resident	2	
Dental resident (noncareer)	1	
Dental intern (noncareer)	1	
Career dental intern	1	
Medical student in first 2 school years	93	Univ. of Pennsylvania Medical Sch. Medical Coll. of Pennsylvania
Medical student in second 2 school years	213	Univ. of Pennsylvania Medical Sch.
Research and education trainee	7	Univ. of Pennsylvania Medical Sch.
Dental assistant trainee	6	Murrell Dobbins Area Voc. Tech. Sch.
Dental hygienist trainee	36	Univ. of Pennsylvania Sch. of Dental Medicine

Training Program	Number of Trainees	Coöperating Institutions
Dental laboratory technician trainee	12	Mastbaum Area Voc. Tech. Sch.
Dental student summer research trainee	3	
Basic nursing student	182	Comm. Coll. Philadelphia General Hospital St. Agnes Hospital
Graduate nursing student	10	Univ. of Pennsylvania Sch. of Nursing
Psychology student (graduate trg.)	1	Temple Univ.
Social work student (master's degree)	4	Graduate Sch. of Social Work Univ. of Pennsylvania
Occupational therapist student	8	Univ. of Pennsylvania Temple Univ.
Physical therapist student	14	Univ. of Pennsylvania Temple Univ.
Pharmacy student	6	Philadelphia Coll. of Pharmacy and Science
Medical technician trainee	15	Murrell Dobbins Area Voc. Tech. Sch.
Radiologic technologist trainee (AMA - approved)	8	Murrell Dobbins Area Voc. Tech. Sch.
Medical record technician trainee (AMA - approved)	3	Comm. Coll.
Personnel management specialist trainee	1	
Miscellaneous allied health training	8	Univ. of Pennsylvania Sch. of Vet. Medicine Disadvantaged Minority Group Undergraduate Students, Temple Univ.
Total	883	

VA OUTPATIENT CLINIC: PHILADELPHIA, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	2	
Audiology & speech pathology student (master's degree)	13	Temple Univ.
Psychology student (graduate trg.)	1	Temple Univ.

Training Program	Number of Trainees
Social work student (master's degree)	3
Social work student (baccalaureate)	1
Total	20

VA HOSPITAL: PITTSBURGH, PENNSYLVAN

Training Program	Number of Trainees
Medical resident (noncareer)	98
Medical intern	28
Dental resident (noncareer)	3
Dental intern (noncareer)	2
Career dental intern	1
Medical student in first 2 school years	16
Medical student in second 2 school years	81
Research and education trainee	1
Dental student in second 2 school years	4
Dental assistant trainee	58
Dental assistant trainee	58
Dental hygienist trainee	58
Dental laboratory technician trainee	1
Dental laboratory technician trainee	1
Basic nursing student	299
Graduate nursing student	4
Audiology & speech pathology student (doctoral)	1
Audiology & speech pathology student (master's degree)	9

	Number of Trainees	Cooperating Institutions
echnician	12	Mastbaum Area Voc. Tech. Sch.
mmer research	3	
nt	182	Comm. Coll. Philadelphia General Hospital St. Agnes Hospital
udent	10	Univ. of Pennsylvania Sch. of Nursing
(graduate trg.)	1	Temple Univ.
t	4	Graduate Sch. of Social Work Univ. of Pennsylvania
pist student	8	Univ. of Pennsylvania Temple Univ.
udent	14	Univ. of Pennsylvania Temple Univ.
	6	Philadelphia Coll. of Pharmacy and Science
trainee	15	Murrell Dobbins Area Voc. Tech. Sch.
gist trainee d)	8	Murrell Dobbins Area Voc. Tech. Sch.
nician trainee d)	3	Comm. Coll.
ent specialist	1	
health training	8	Univ. of Pennsylvania Sch. of Vet. Medicine Disadvantaged Minority Group Undergraduate Students, Temple Univ.
	883	

CLINIC: PHILADELPHIA, PENNSYLVANIA – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ncareer)	2	
pathology degree)	13	Temple Univ.
(graduate trg.)	1	Temple Univ.

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	3	Univ. of Pennsylvania Sch. of Social Work
Social work student (baccalaureate)	1	Philadelphia Coll. of the Bible
Total	20	

VA HOSPITAL: PITTSBURGH, PENNSYLVANIA (UD) – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	98	
Medical intern	28	
Dental resident (noncareer)	3	
Dental intern (noncareer)	2	
Career dental intern	1	
Medical student in first 2 school years	16	Univ. of Pittsburgh Sch. of Medicine
Medical student in second 2 school years	81	Univ. of Pittsburgh Sch. of Medicine
Research and education trainee	1	
Dental student in second 2 school years	4	Univ. of Pittsburgh Sch. of Dentistry
Dental assistant trainee	58	Univ. of Pittsburgh Sch. of Dentistry
Dental assistant trainee	58	Univ. of Pittsburgh Sch. of Dentistry
Dental hygienist trainee	58	Univ. of Pittsburgh Sch. of Dentistry
Dental laboratory technician trainee	1	Homewood/Brushton Health Center
Dental laboratory technician trainee	1	Homewood/Brushton Health Center
Basic nursing student	299	Univ. of Pittsburgh Sch. of Nursing St. Joseph's Hospital Sch. of Nursing
Graduate nursing student	4	Univ. of Pittsburgh Sch. of Nursing
Audiology & speech pathology student (doctoral)	1	Univ. of Pittsburgh
Audiology & speech pathology student (master's degree)	9	Univ. of Pittsburgh

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	4	Univ. of Pittsburgh Sch. of Social Work
Occupational therapy assistant trainee	2	Mt. Aloysius Coll., Cresson, Pa.
Pharmacy resident	1	Univ. of Pittsburgh Sch. of Pharmacy
Medical technologist student (AMA - approved)	16	Univ. of Pittsburgh Sch. of Medicine
Certified laboratory assistant trainee (AMA - approved)	2	Univ. of Pittsburgh Sch. of Medicine
Inhalation therapy technician trainee (AMA - approved)	13	Allegheny Comm. Coll.
Nurse anesthetist trainee	5	Univ. of Pittsburgh Sch. of Medicine
Hospital administration resident	1	Univ. of Pittsburgh Sch. of Hospital Administration
Personnel management specialist trainee	2	
Accountant trainee	1	
Assistant hospital director trainee	1	
Medical photographer trainee	1	Rochester Institute of Tech., Rochester, N.Y.
Miscellaneous administrative training	6	Robert Morris Coll.
Miscellaneous services training	23	
Total	742	

VA HOSPITAL: PITTSBURGH, PENNSYLVANIA (LFR) – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental resident (noncareer)	3	
Dental intern (noncareer)	1	
Career dental resident	2	
Career dental intern	1	
Research and education trainee	1	
Dental student summer research trainee	2	Univ. of Pittsburgh
Basic nursing student	146	Penn State Univ., Allegheny Hospital Duquesne Univ. St. John's Hospital Montefiore Hospital
Psychology student (graduate trg.)	11	Ohio State, Columbus, Ohio Univ. of Pittsburgh

Training Program	Number o Trainees
Vocational rehabilitation counselor student	10
Social work student (master's degree)	9
Occupational therapist student	6
Manual arts therapist student	6
Pharmacy intern	1
Pharmacy student	7
Dietetic intern affiliate	8
Chief nurse trainee	1
Miscellaneous services training	4
Total	219

VA HOSPITAL: WILKES-BARRE, PENNSY

Training Program	Number o Trainees
Medical resident (noncareer)	10
Dental intern (noncareer)	1
Basic nursing student	134
Social work student (master's degree)	5
Dietetic student	7
Hospital librarian work-study	1
Personnel management specialist trainee	2
Total	160

	Number of Trainees	Cooperating Institutions
ee)	4	Univ. of Pittsburgh Sch. of Social Work
	2	Mt. Aloysius Coll., Cresson, Pa.
	1	Univ. of Pittsburgh Sch. of Pharmacy
	16	Univ. of Pittsburgh Sch. of Medicine
	2	Univ. of Pittsburgh Sch. of Medicine
	13	Allegheny Comm. Coll.
	5	Univ. of Pittsburgh Sch. of Medicine
	1	Univ. of Pittsburgh Sch. of Hospital Administration
	2	
	1	
	1	
	1	Rochester Institute of Tech., Rochester, N.Y.
ng	6	Robert Morris Coll.
	23	
	742	

, PENNSYLVANIA (LFR) – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	3	
	1	
	2	
	1	
	1	
	2	Univ. of Pittsburgh
	146	Penn State Univ., Allegheny Hospital Duquesne Univ. St. John's Hospital Montefiore Hospital
	11	Ohio State, Columbus, Ohio Univ. of Pittsburgh

Training Program	Number of Trainees	Cooperating Institutions
Vocational rehabilitation counselor student	10	Univ. of Pittsburgh Univ. of Colorado, Boulder, Colo.
Social work student (master's degree)	9	Univ. of Pittsburgh
Occupational therapist student	6	Univ. of Puerto Rico, San Juan, P.R. Mt. Aloyius, Cresson, Pa.
Manual arts therapist student	6	California State Coll., California, Pa.
Pharmacy intern	1	Univ. of Pittsburgh
Pharmacy student	7	Univ. of Pittsburgh
Dietetic intern affiliate	8	Shadyside Hospital
Chief nurse trainee	1	
Miscellaneous services training	4	Indiana State Univ., Indiana, Pa. West Virginia Univ., Morgantown, W. Va. Univ. of Maryland, College Park, Md.
Total	219	

VA HOSPITAL: WILKES-BARRE, PENNSYLVANIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	10	
Dental intern (noncareer)	1	
Basic nursing student	134	Coll. Misericordia, Dallas, Pa. Wilkes Coll.
Social work student (master's degree)	5	Marywood Coll., Scranton, Pa.
Dietetic student	7	Marywood Coll., Scranton, Pa. Coll. Misericordia, Dallas, Pa.
Hospital librarian work-study	1	Marywood Coll., Scranton, Pa.
Personnel management specialist trainee	2	
Total	160	

VA REGIONAL OFFICE: MANILA, PHILIPPINES – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	5	Asian Social Institute Philippine Women's Univ.
Orthotist-prosthetist trainee	1	Veterans Memorial Hospital, Quezon City, R.P.
Total	6	

VA CENTER: SAN JUAN, PUERTO RICO – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	28	
Medical intern	8	
Career psychiatry resident	4	
Career PM&R resident	3	
Dental intern (noncareer)	1	
Medical student in first 2 school years	90	Univ. of Puerto Rico Sch. of Medicine
Medical student in second 2 school years	188	Univ. of Puerto Rico Sch. of Medicine
Dental student in first 2 school years	40	Univ. of Puerto Rico Sch. of Dentistry
Dental assistant trainee	31	Univ. of Puerto Rico Sch. of Dentistry
Dental hygienist trainee	7	Univ. of Puerto Rico Sch. of Dentistry
Basic nursing student	22	Univ. of Puerto Rico Sch. of Nursing
Social work student (master's degree)	10	Univ. of Puerto Rico Sch. of Social Work
Occupational therapist student	7	Univ. of Puerto Rico Sch. of O.T. and P.T.
Physical therapist student	31	Univ. of Puerto Rico Sch. of O.T. and P.T.
Recreation specialist student	4	Univ. of Puerto Rico Sch. of Education

Training Program	Number o Trainees
Occupational therapy assistant trainee	4
Physical therapy assistant trainee	6
Pharmacy resident	3
Dietetic intern affiliate	12
Dietetic student	1
Food service worker trainee	5
Medical technologist student (AMA - approved)	17
Histologic technician trainee	2
Medical technician trainee	2
Medical record librarian trainee (AMA - approved)	2
Medical record technician trainee	29
Electrocardiograph technician trainee	18
Hospital administration resident	1
Building management officer trainee	2
Medical administrative trainee	1
Miscellaneous administrative training	98
Total	677

ANILA, PHILIPPINES – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
5	Asian Social Institute Philippines Women's Univ.
1	Veterans Memorial Hospital, Quezon City, R.P.
6	

N, PUERTO RICO – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
28	
8	
4	
3	
1	
90	Univ. of Puerto Rico Sch. of Medicine
188	Univ. of Puerto Rico Sch. of Medicine
40	Univ. of Puerto Rico Sch. of Dentistry
31	Univ. of Puerto Rico Sch. of Dentistry
7	Univ. of Puerto Rico Sch. of Dentistry
22	Univ. of Puerto Rico Sch. of Nursing
10	Univ. of Puerto Rico Sch. of Social Work
7	Univ. of Puerto Rico Sch. of O.T. and P.T.
31	Univ. of Puerto Rico Sch. of O.T. and P.T.
4	Univ. of Puerto Rico Sch. of Education

Training Program	Number of Trainees	Cooperating Institutions
Occupational therapy assistant trainee	4	Univ. of Puerto Rico Regional Coll., Humacao, P.R.
Physical therapy assistant trainee	6	Univ. of Puerto Rico Regional Coll., Humacao, P.R.
Pharmacy resident	3	
Dietetic intern affiliate	12	Univ. of Puerto Rico Home Economic Dept. Puerto Rico Dept. Health-Nutr. Div.
Dietetic student	1	Marywood Coll., Scranton, Pa.
Food service worker trainee	5	Caguas Regional Hospital, Caguas, P.R.
Medical technologist student (AMA - approved)	17	Univ. of Puerto Rico Sch. of Medical Technology Puerto Rico Dept. of Health-Sch. of Medical Technology
Histologic technician trainee	2	Univ. of Puerto Rico Sch. of Medicine
Medical technician trainee	2	Univ. of Puerto Rico Sch. of Medicine Fajardo District Hospital, Fajardo, P.R.
Medical record librarian trainee (AMA - approved)	2	Univ. of Puerto Rico Sch. of Public Health
Medical-record technician trainee	29	Puerto Rico Jr. Coll., Rio Piedras, P.R.
Electrocardiograph technician trainee	18	Dept. Labor-Commonwealth, Puerto Rico
Hospital administration resident	1	Univ. of Puerto Rico Sch. of Public Health
Building management officer trainee	2	Caguas Regional Hospital, Caguas, P.R. International Airport
Medical administrative trainee	1	
Miscellaneous administrative training	98	Institute of Tech. Commercial de Puerto Rico, Rio Piedras, P.R. Rio Piedras Business Coll., Rio Piedras, P.R.
Total	677	

VA HOSPITAL: PROVIDENCE, RHODE ISLAND – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	37	
Medical intern	7	
Dental intern (noncareer)	1	
Medical student in second 2 school years	2	
Dental assistant trainee	23	Rhode Island Jr. Coll.
Basic nursing student	44	Salve Regina Coll., Newport, R.I. Univ. of Rhode Island, Kingston, R.I. Roger Williams Jr. Coll.
Psychology student (baccalaureate)	2	Univ. of Rhode Island, Kingston, R.I.
Social work student (master's degree)	5	Boston Univ., Boston, Mass. Boston Coll., Boston, Mass. Univ. of Connecticut, Storrs, Conn.
Social work student (baccalaureate)	3	Rhode Island Coll. Providence Coll.
Medical technician trainee	4	Rhode Island Jr. Coll.
Total	128	

VA HOSPITAL: CHARLESTON, SOUTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	62	
Medical intern	16	
Career pathology resident	1	
Dental resident (noncareer)	3	
Medical student in second 2 school years	98	
Basic nursing student	141	Baptist Coll. at Charleston Medical Univ. of South Carolina
Psychology student (graduate trg.)	5	Univ. of South Carolina, Columbia, S.C. Univ. of Georgia, Athens, Ga. Florida State, Tallahassee, Fla.
Social work student (master's degree)	4	Univ. of South Carolina, Columbia, S.C.
Pharmacy resident	2	Medical Univ. of South Carolina

Training Program	N T
Pharmacy student	
Certified laboratory assistant trainee (AMA - approved)	
Pathologist's assistant trainee	
Radiologic technologist trainee (AMA - approved)	
Inhalation therapy technician trainee (AMA - approved)	
Nurse anesthetist trainee	
Hospital administration resident	
Assistant hospital director trainee	
Total	

VA HOSPITAL: COLUMBIA, SOU

Training Program	N T
Medical resident (noncareer)	
Basic nursing student	
Audiology & speech pathology student (master's degree)	
Psychology student (graduate trg.)	
Social work student (master's degree)	
Social work student (baccalaureate)	
Total	

VA HOSPITAL: FORT MEADE, SC

Training Program	N T
Practical nurse student	
Social work student (baccalaureate)	
Occupational therapist student	

NCE, RHODE ISLAND – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
37	
7	
1	
2	
23	Rhode Island Jr. Coll.
44	Salve Regina Coll., Newport, R.I. Univ. of Rhode Island, Kingston, R.I. Roger Williams Jr. Coll.
2	Univ. of Rhode Island, Kingston, R.I.
5	Boston Univ., Boston, Mass. Boston Coll., Boston, Mass. Univ. of Connecticut, Storrs, Conn.
3	Rhode Island Coll. Providence Coll.
4	Rhode Island Jr. Coll.
128	

ON, SOUTH CAROLINA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
62	
16	
1	
3	
98	
141	Baptist Coll. at Charleston Medical Univ. of South Carolina
5	Univ. of South Carolina, Columbia, S.C. Univ. of Georgia, Athens, Ga. Florida State, Tallahassee, Fla.
4	Univ. of South Carolina, Columbia, S.C.
2	Medical Univ. of South Carolina

Training Program	Number of Trainees	Cooperating Institutions
Pharmacy student	9	Medical Univ. of South Carolina
Certified laboratory assistant trainee (AMA - approved)	12	Medical Univ. of South Carolina
Pathologist's assistant trainee	4	Medical Univ. of South Carolina
Radiologic technologist trainee (AMA - approved)	6	Medical Univ. of South Carolina
Inhalation therapy technician trainee (AMA - approved)	11	Medical Univ. of South Carolina
Nurse anesthetist trainee	17	Medical Univ. of South Carolina
Hospital administration resident	1	
Assistant hospital director trainee	1	
Total	393	

VA HOSPITAL: COLUMBIA, SOUTH CAROLINA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	5	
Basic nursing student	31	Univ. of South Carolina
Audiology & speech pathology student (master's degree)	13	Univ. of South Carolina
Psychology student (graduate trg.)	2	Univ. of South Carolina
Social work student (master's degree)	4	Univ. of South Carolina
Social work student (baccalaureate)	3	Columbia Coll. Benedict Coll.
Total	58	

VA HOSPITAL: FORT MEADE, SOUTH DAKOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	20	Black Hills Area Voc. Tech. Sch., Rapid City, S.D.
Social work student (baccalaureate)	2	Black Hills State Coll., Spearfish, S.D.
Occupational therapist student	3	Indiana Univ., Indianapolis, Ind.

Training Program	Number of Trainees	Cooperating Institutions
		Univ. of North Dakota, Grand Forks, N.D.
Food service worker trainee	7	Meade Independent Sch. District #101 Area 5 Voc. Tech. Sch., Sturgis, S.D.
Miscellaneous services training	10	Meade Independent Sch. District #101 Area 5 Voc. Tech. Sch., Sturgis, S.D.
Total	42	

VA CENTER: HOT SPRINGS, SOUTH DAKOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (baccalaureate)	1	Chadron State Coll., Chadron, Nebr.
Total	1	

VA CENTER: SIOUX FALLS, SOUTH DAKOTA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical student in first 2 school years	47	Univ. of South Dakota Sch. of Medicine, Vermillion, S.D.
Basic nursing student	95	Univ. of South Dakota Sch. of Nursing, Vermillion, S.D. Augustana Coll. Sch. of Nursing
Psychology student (graduate trg.)	3	Univ. of South Dakota, Vermillion, S.D.
Occupational therapist student	3	Univ. of North Dakota, Grand Forks, N.D.
Pharmacy intern	1	
Pharmacy student	8	South Dakota State Univ. Coll. of Pharmacy, Brookings, S.D.
Personnel management specialist trainee	2	
Total	159	

VA HOSPITAL: MEMPHIS, TENNESSEE – FISCAL YEAR

Training Program	Number of Trainees	Cooperating I
Medical resident (noncareer)	124	
Medical intern	56	
Career psychiatry resident	2	
Dental resident (noncareer)	3	
Dental intern (noncareer)	3	
Career dental resident	1	
Career dental intern	1	
Medical student in first 2 school years	447	Univ. of Tenn
Medical student in second 2 school years	121	Univ. of Tenn
Dental assistant trainee	17	Memphis Area
Basic nursing student	253	Univ. of Tenn Methodist Hos Nursing
Psychology student (graduate trg.)	8	Memphis State Univ. of South Columbia, Univ. of Tenn Knoxville, Georgia State Atlanta, G George Peabo Nashville,
Social work student (master's degree)	6	Univ. of Tenn Nashville,
Occupational therapist student	10	Washington U St. Louis, Univ. of Alaba Birmingha
Physical therapist student	20	Univ. of Tenn
Educational therapist student	4	Harding Gradu Religion
Corrective therapist student	4	Delta State Co Cleveland,
Recreation specialist student	1	Memphis State
Pharmacy resident	5	Univ. of Tenn
Pharmacy student	21	Univ. of Tenn
Medical technologist student (AMA - approved)	30	Univ. of Tenn
Inhalation therapy technician trainee (AMA - approved)	2	Area Voc. Sch
Associate chief nurse, nursing education, trainee	1	
Personnel management specialist trainee	1	
Supply management trainee	1	
Total	1,142	

Number of Trainees	Cooperating Institutions
	Univ. of North Dakota, Grand Forks, N.D.
7	Meade Independent Sch. District #101 Area 5 Voc. Tech. Sch., Sturgis, S.D.
10	Meade Independent Sch. District #101 Area 5 Voc. Tech. Sch., Sturgis, S.D.
42	

SOUTH DAKOTA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
1	Chadron State Coll., Chadron, Nebr.
1	

SOUTH DAKOTA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
47	Univ. of South Dakota Sch. of Medicine, Vermillion, S.D.
95	Univ. of South Dakota Sch. of Nursing, Vermillion, S.D. Augustana Coll. Sch. of Nursing
3	Univ. of South Dakota, Vermillion, S.D.
3	Univ. of North Dakota, Grand Forks, N.D.
1	
8	South Dakota State Univ. Coll. of Pharmacy, Brookings, S.D.
2	
159	

VA HOSPITAL: MEMPHIS, TENNESSEE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	124	
Medical intern	56	
Career psychiatry resident	2	
Dental resident (noncareer)	3	
Dental intern (noncareer)	3	
Career dental resident	1	
Career dental intern	1	
Medical student in first 2 school years	447	Univ. of Tennessee
Medical student in second 2 school years	121	Univ. of Tennessee
Dental assistant trainee	17	Memphis Area Voc. Sch.
Basic nursing student	253	Univ. of Tennessee Methodist Hospital Sch. of Nursing
Psychology student (graduate trg.)	8	Memphis State Univ. Univ. of South Carolina, Columbia, S.C. Univ. of Tennessee, Knoxville, Tenn. Georgia State Univ., Atlanta, Ga. George Peabody Coll., Nashville, Tenn.
Social work student (master's degree)	6	Univ. of Tennessee, Nashville, Tenn.
Occupational therapist student	10	Washington Univ., St. Louis, Mo. Univ. of Alabama, Birmingham, Ala.
Physical therapist student	20	Univ. of Tennessee
Educational therapist student	4	Harding Graduate Sch. of Religion
Corrective therapist student	4	Delta State Coll., Cleveland, Ohio
Recreation specialist student	1	Memphis State Univ.
Pharmacy resident	5	Univ. of Tennessee
Pharmacy student	21	Univ. of Tennessee
Medical technologist student (AMA - approved)	30	Univ. of Tennessee
Inhalation therapy technician trainee (AMA - approved)	2	Area Voc. Sch.
Associate chief nurse, nursing education, trainee	1	
Personnel management specialist trainee	1	
Supply management trainee	1	
Total	1,142	

VA CENTER: MOUNTAIN HOME, TENNESSEE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental hygienist trainee	19	East Tennessee State Univ., Johnson City, Tenn.
Basic nursing student	30	East Tennessee State Univ., Johnson City, Tenn.
Psychology student (graduate trg.)	2	Univ. of Tennessee, Knoxville, Tenn. Univ. of South Carolina, Columbia, S.C.
Social work student (master's degree)	2	Univ. of Tennessee, Knoxville, Tenn.
Social work student (baccalaureate)	10	East Tennessee State Univ., Johnson City, Tenn.
Corrective therapist student	2	East Tennessee State Univ., Johnson City, Tenn.
Dietetic student	2	East Tennessee State Univ., Johnson City, Tenn.
Medical technician trainee	6	State Area Voc. Tech. Sch., Elizabethton, Tenn.
Physician's assistant trainee	1	Duke Univ., Durham, N.C.
Graduate engineer trainee	1	
Personnel management specialist trainee	2	
Accountant trainee	2	
Building management officer trainee	1	
Supply management trainee	1	
Miscellaneous administrative training	4	State Area Voc. Tech. Sch., Elizabethton, Tenn.
Total	85	

VA HOSPITAL: MURFREESBORO, TENNESSEE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	36	Middle Tennessee State Univ. Vanderbilt Univ., Nashville, Tenn.
Psychology student (graduate trg.)	9	George Peabody Coll., Nashville, Tenn. Vanderbilt Univ., Nashville, Tenn.
Social work student (master's degree)	3	Univ. of Tennessee Sch. of Social Work, Nashville, Tenn.

Training Program	Number of Trainees
Occupational therapy assistant trainee	8
Personnel management specialist trainee	1
Total	57

VA HOSPITAL: NASHVILLE, TENNESSEE –

Training Program	Number of Trainees
Medical resident (noncareer)	133
Medical intern	57
Dental resident (noncareer)	4
Dental intern (noncareer)	8
Medical student in first 2 school years	61
Medical student in second 2 school years	121
Research & education trainee	9
Dental student summer research trainee	1
Basic nursing student	114
Graduate nursing student	7
Nursing intern	4
Social work student (master's degree)	18
Pharmacy intern	6
Dietetic intern affiliate	16
Medical technologist student (AMA - approved)	18

UNTAIN HOME, TENNESSEE – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	19	East Tennessee State Univ., Johnson City, Tenn.
	30	East Tennessee State Univ., Johnson City, Tenn.
ate trg.)	2	Univ. of Tennessee, Knoxville, Tenn. Univ. of South Carolina, Columbia, S.C.
	2	Univ. of Tennessee, Knoxville, Tenn.
laureate)	10	East Tennessee State Univ., Johnson City, Tenn.
t	2	East Tennessee State Univ., Johnson City, Tenn.
	2	East Tennessee State Univ., Johnson City, Tenn.
	6	State Area Voc. Tech. Sch., Elizabethton, Tenn.
	1	Duke Univ., Durham, N.C.
	1	
cialist	2	
	2	
er	1	
e	1	
e	4	State Area Voc. Tech. Sch., Elizabethton, Tenn.
	85	

RFREESBORO, TENNESSEE – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	36	Middle Tennessee State Univ. Vanderbilt Univ., Nashville, Tenn.
ate trg.)	9	George Peabody Coll., Nashville, Tenn. Vanderbilt Univ., Nashville, Tenn.
	3	Univ. of Tennessee Sch. of Social Work, Nashville, Tenn.

Training Program	Number of Trainees	Cooperating Institutions
Occupational therapy assistant trainee	8	Adult Voc. Education Section, Murfreesboro Public Sch.
Personnel management specialist trainee	1	
Total	57	

VA HOSPITAL: NASHVILLE, TENNESSEE – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	133	
Medical intern	57	
Dental resident (noncareer)	4	
Dental intern (noncareer)	8	
Medical student in first 2 school years	61	Vanderbilt Univ. Sch. of Medicine Meharry Medical Coll.
Medical student in second 2 school years	121	Vanderbilt Univ. Sch. of Medicine Meharry Medical Coll.
Research & education trainee	9	
Dental student summer research trainee	1	
Basic nursing student	114	Vanderbilt Univ. Sch. of Nursing Tennessee State Univ.
Graduate nursing student	7	Vanderbilt Univ. Sch. of Nursing
Nursing intern	4	Vanderbilt Univ. Sch. of Nursing
Social work student (master's degree)	18	Univ. of Tennessee Sch. of Social Work Tennessee State Univ.
Pharmacy intern	6	Vanderbilt Univ.
Dietetic intern affiliate	16	Vanderbilt Univ.
Medical technologist student (AMA - approved)	18	Tennessee State Univ. David Lipscomb Coll. Middle Tennessee State Univ., Murfreesboro, Tenn. Western Kentucky Univ., Murray, Ky.

Training Program	Number of Trainees	Cooperating Institutions
		Tennessee Technological Univ., Cookeville, Tenn.
Cytotechnologist student (AMA - approved)	1	
Medical technician trainee	8	Univ. of Tennessee
Hospital librarian work-study	3	George Peabody Coll.
Radiologic technologist trainee (AMA - approved)	41	Vanderbilt Univ. Hospital
Nuclear medicine technician trainee	3	Vanderbilt Univ. Hospital
Associate chief nurse, nursing education, trainee	1	
Supply management trainee	1	
Hospital director trainee	1	
Total	636	

VA HOSPITAL: AMARILLO, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental assistant trainee	4	Amarillo Coll.
Dental hygienist trainee	9	Amarillo Coll.
X-ray technician trainee	5	Amarillo Coll.
Total	18	

VA HOSPITAL: BIG SPRING, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA CENTER: BONHAM, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: DALLAS, TEXAS – FISCA

Training Program	Number of Trainees	Co
Medical resident (noncareer)	145	
Medical intern	5	
Career psychiatry resident	1	
Career radiology resident	3	
Career dental intern	1	
Medical student in first 2 school years	22	U
Medical student in second 2 school years	148	Un
Basic nursing student	180	Te
		Da
		Ba
Graduate nursing student	9	Te
		Da
		Ba
Audiology & speech pathology student (master's degree)	7	No
		Te
Psychology student (graduate trg.)	2	Un
Social work student (master's degree)	3	Un
Occupational therapist student	2	Te
Physical therapist student	7	Un
Graduate engineer trainee	1	
Personnel management specialist trainee	1	
Medical administrative trainee	1	
Total	538	

	Number of Trainees	Cooperating Institutions
		Tennessee Technological Univ., Cookeville, Tenn.
	1	
	8	Univ. of Tennessee
udy	3	George Peabody Coll.
ainee		
	41	Vanderbilt Univ. Hospital
an trainee	3	Vanderbilt Univ. Hospital
sing		
	1	
ee	1	
	1	
	636	

AL: AMARILLO, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
	4	Amarillo Coll.
	9	Amarillo Coll.
	5	Amarillo Coll.
	18	

AL: BIG SPRING, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

ER: BONHAM, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

VA HOSPITAL: DALLAS, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	145	
Medical intern	5	
Career psychiatry resident	1	
Career radiology resident	3	
Career dental intern	1	
Medical student in first 2 school years	22	Univ. of Texas Southwestern Medical Sch.
Medical student in second 2 school years	148	Univ. of Texas Southwestern Medical Sch.
Basic nursing student	180	Texas Woman's Univ. Sch. of Nursing Dallas Baptist Coll. Sch. of Nursing Baylor Univ. Sch. of Nursing
Graduate nursing student	9	Texas Woman's Univ. Sch. of Nursing Dallas Baptist Coll. Sch. of Nursing Baylor Univ. Sch. of Nursing
Audiology & speech pathology student (master's degree)	7	North Texas State Univ. Sch. of Audiology & Speech Pathology, Denton, Texas Texas Woman's Univ. Sch. of Audiology & Speech Pathology, Denton, Texas
Psychology student (graduate trg.)	2	Univ. of Texas Sch. of Psychology, Austin, Texas
Social work student (master's degree)	3	Univ. of Texas Sch. of Social Work, Arlington, Texas
Occupational therapist student	2	Texas Woman's Univ. Sch. of Therapy, Denton, Texas
Physical therapist student	7	Univ. of Texas Southwestern Medical Sch. of Allied Health Professions
Graduate engineer trainee	1	
Personnel management specialist trainee	1	
Medical administrative trainee	1	
Total	538	

VA HOSPITAL: HOUSTON, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	206	
Medical intern	23	
Career psychiatry resident	4	
Career PM&R resident	2	
Career radiology resident	2	
Career anesthesiology resident	1	
Career orthopedic surgery resident	1	
Career pathology resident	1	
Dental resident (noncareer)	4	
Dental intern (noncareer)	2	
Career dental resident	3	
Career dental intern	1	
Medical student in first 2 school years	14	
Medical student in second 2 school years	18	
Research & education trainee	4	
Spinal cord injury specialist trainee	1	
Dental assistant trainee	18	Univ. of Texas Dental Branch
Dental hygienist trainee	37	Univ. of Texas Dental Branch
Dental student summer research trainee	2	
Basic nursing student	361	Texas Women's Univ. Dominican Coll. Prairie View A&M Coll., Prairie View, Texas San Jacinto Jr. Coll., Pasadena, Texas Alvin Jr. Coll., Alvin, Texas Herman Hospital
Audiology & speech pathology student (doctoral)	2	Univ. of Houston
Audiology & speech pathology student (master's degree)	2	Univ. of Houston
Psychology student (graduate trg.)	23	Univ. of Houston
Alcoholism rehabilitation counselor trainee	7	
Social work student (master's degree)	8	Worden Coll., San Antonio, Texas Louisiana State Univ., Baton Rouge, La. Univ. of Houston
Social work student (baccalaureate)	4	
Occupational therapist student	21	
Physical therapist student	17	
Manual arts therapist student	1	
Corrective therapist student	5	
Pharmacy resident	5	
Pharmacy student	8	
Pharmacy assistant trainee	1	
Dietetic intern	31	
Medical technologist student (AMA - approved)	18	
Medical technician trainee	1	
Prosthetic representative trainee	1	
Inhalation therapy technician trainee	8	
Nurse anesthetist trainee	3	
Physician's assistant trainee	2	
Hemodialysis technician trainee	2	
Personnel management specialist trainee	4	
Building management officer trainee	2	
Supply management trainee	1	
Total	882	

OSPITAL: HOUSTON, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
oncareer)	206	
	23	
resident	4	
lent	2	
esident	2	
ogy resident	1	
surgery resident	1	
esident	1	
oncareer)	4	
career)	2	
ent	3	
n	1	
first 2 school	14	
second 2 school	18	
tion trainee	4	
specialist	1	
ainee	18	Univ. of Texas Dental Branch
rainee	37	Univ. of Texas Dental Branch
mmer research	2	
ent	361	Texas Women's Univ. Dominican Coll. Prairie View A&M Coll., Prairie View, Texas San Jacinto Jr. Coll., Pasadena, Texas Alvin Jr. Coll., Alvin, Texas Herman Hospital
ech pathology oral)	2	Univ. of Houston
ech pathology er's degree)	2	Univ. of Houston
nt (graduate trg.)	23	Univ. of Houston
ilitation counselor	7	
ent ee)	8	Worden Coll., San Antonio, Texas Louisiana State Univ., Baton Rouge, La. Univ. of Houston
ent (baccalaureate)	4	
Occupational therapist student	21	Texas Women's Univ., Denton, Texas Colorado State Univ., Ft. Collins, Colo. Univ. of Florida, Gainesville, Fla. Univ. of Kansas, Lawrence, Kansas Indiana Univ., Indianapolis, Ind. Eastern Michigan Univ., Upsilantic, Mich. Coll. of St. Catherine, St. Paul, Minn. Univ. of Puerto Rico, San Juan, P.R.
Physical therapist student	17	Univ. of Texas Medical Branch, Galveston, Texas
Manual arts therapist student	1	North Texas State Univ., Denton, Texas
Corrective therapist student	5	Texas A&M Univ., College Station, Texas
Pharmacy resident	5	Univ. of Houston
Pharmacy student	8	Univ. of Houston
Pharmacy assistant trainee	1	
Dietetic intern	31	
Medical technologist student (AMA - approved)	18	
Medical technician trainee	1	
Prosthetic representative trainee	1	
Inhalation therapy technician trainee	8	South Texas Jr. Coll.
Nurse anesthetist trainee	3	Baylor Coll. of Medicine
Physician's assistant trainee	2	
Hemodialysis technician trainee	2	
Personnel management specialist trainee	4	
Building management officer trainee	2	
Supply management trainee	1	
Total	882	

VA HOSPITAL: KERRVILLE, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	1	Worden Sch. of Social Work, Our Lady of the Lake Coll., San Antonio, Texas
Total	1	

VA OUTPATIENT CLINIC: LUBBOCK, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA HOSPITAL: MARLIN, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Negative report		

VA OUTPATIENT CLINIC: SAN ANTONIO, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Social work student (master's degree)	2	Worden Sch. of Social Service, Our Lady of the Lake Coll.
Total	2	

VA CENTER: TEMPLE, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	15	
Psychology student (graduate trg.)	4	Univ. of Texas, Austin, Texas
Social work student (master's degree)	5	Our Lady of the Lake Coll., San Antonio, Texas
Occupational therapist student	7	
Corrective therapist student	3	
Certified laboratory assistant trainee (AMA - approved)	6	
Personnel management specialist trainee	1	
Accountant trainee	1	
Total	42	

VA HOSPITAL: WACO, TEXAS – FI

Training Program	Number of Trainees
Basic nursing student	34
Psychology student (graduate trg.)	4
Social work student (master's degree)	4
Occupational therapist student	5
Total	47

VA HOSPITAL: SALT LAKE CITY, UTAH

Training Program	Number of Trainees
Medical resident (noncareer)	71
Medical intern	36
Career anesthesiology resident	2

SPITAL: KERRVILLE, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
t)	1	Worden Sch. of Social Work, Our Lady of the Lake Coll., San Antonio, Texas
	1	

TIENT CLINIC: LUBBOCK, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

OSPITAL: MARLIN, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions

ENT CLINIC: SAN ANTONIO, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
)	2	Worden Sch. of Social Service, Our Lady of the Lake Coll.
	2	

CENTER: TEMPLE, TEXAS – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
ncareer)	15	
(graduate trg.)	4	Univ. of Texas, Austin, Texas
	5	Our Lady of the Lake Coll., San Antonio, Texas

Training Program	Number of Trainees	Cooperating Institutions
		Prairie View A&M Coll., Prairie View, Texas Mary Hardin-Baylor Coll., Belton, Texas
Occupational therapist student	7	Texas Woman's Univ., Denton, Texas
Corrective therapist student	3	Huston-Tillotson Coll., Austin, Texas
Certified laboratory assistant trainee (AMA - approved)	6	
Personnel management specialist trainee	1	
Accountant trainee	1	
Total	42	

VA HOSPITAL: WACO, TEXAS – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	34	Central Texas Coll., Killeen, Texas McLennan Comm. Coll.
Psychology student (graduate trg.)	4	Univ. of Texas, Austin, Texas Texas Technological Univ., Lubbock, Texas
Social work student (master's degree)	4	Univ. of Texas, Austin, Texas Worden Sch. of Social Work Our Lady of the Lake Coll., San Antonio, Texas
Occupational therapist student	5	Texas Woman's Univ., Denton, Texas Colorado State Univ., Ft. Collins, Colo.
Total	47	

VA HOSPITAL: SALT LAKE CITY, UTAH – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	71	
Medical intern	36	
Career anesthesiology resident	2	

Training Program	Number of Trainees	Cooperating Institutions
Medical student in first 2 school years	69	Univ. of Utah
Medical student in second 2 school years	136	Univ. of Utah
Research and education trainee	8	Univ. of Utah
Dental assistant trainee	5	Rangley Coll., Rangley, Colo.
Dental hygienist trainee	11	Rangley Coll., Rangley, Colo.
Basic nursing student	76	Univ. of Utah
Graduate nursing student	2	Univ. of Utah
Practical nurse student	110	Utah Tech. Coll.
Audiology & speech pathology student (master's degree)	10	Univ. of Utah Brigham Young Univ., Provo, Utah
Audiology & speech pathology student (baccalaureate)	1	Univ. of Utah
Psychology student (graduate trg.)	17	Univ. of Utah
Social work student (master's degree)	10	Univ. of Utah
Social work student (baccalaureate)	15	Univ. of Utah Brigham Young Univ., Provo, Utah Weber State Univ., Ogden, Utah Utah State Univ., Logan, Utah
Physical therapist student	6	Univ. of Utah
Corrective therapist student	1	Univ. of Utah
Recreation specialist student	4	Univ. of Utah
Pharmacy student	9	Univ. of Utah
Radiologic technologist trainee (AMA - approved)	5	Univ. Medical Sch.
Inhalation Therapy Technician	14	Weber State Univ., Ogden, Utah
Medical student anesthesiology trainee	1	
Cardiopulmonary technician trainee	7	
Graduate engineer trainee	2	
Personnel management specialist trainee	2	
Accountant trainee	1	
Supply management trainee	1	
Medical administrative trainee	1	
Miscellaneous physician training	13	Univ. of Utah
Miscellaneous nurse training	1	
Total	647	

VA CENTER: WHITE RIVER JUNCTION, VERM

Training Program	Number of Trainees
Medical resident (noncareer)	37
Medical intern	16
Medical student in first 2 school years	16
Total	69

VA CENTER: HAMPTON, VIRGINIA – F

Training Program	Number of Trainees
Medical resident (noncareer)	9
Audiology & speech pathology student (master's degree)	3
Psychology student (graduate trg.)	1
Social work student (master's degree)	4
Corrective therapist student (baccalaureate)	13
Recreation specialist student	1
Personnel management specialist trainee	1
Total	32

VA HOSPITAL: RICHMOND, VIRGINIA – F

Training Program	Number of Trainees
Medical resident (noncareer)	122
Medical intern	69
Career PM&R resident	1
Dental intern (noncareer)	1

	Number of Trainees	Cooperating Institutions
hool	69	Univ. of Utah
school	136	Univ. of Utah
nee	8	Univ. of Utah
	5	Rangley Coll., Rangley, Colo.
	11	Rangley Coll., Rangley, Colo.
	76	Univ. of Utah
	2	Univ. of Utah
	110	Utah Tech. Coll.
gy	10	Univ. of Utah Brigham Young Univ., Provo, Utah
gy	1	Univ. of Utah
e trg.)	17	Univ. of Utah
	10	Univ. of Utah
ureate)	15	Univ. of Utah Brigham Young Univ., Provo, Utah Weber State Univ., Ogden, Utah Utah State Univ., Logan, Utah
	6	Univ. of Utah
	1	Univ. of Utah
	4	Univ. of Utah
	9	Univ. of Utah
nee	5	Univ. Medical Sch.
an	14	Weber State Univ., Ogden, Utah
gy	1	
trainee	7	
	2	
alist	2	
	1	
	1	
ee	1	
hing	13	Univ. of Utah
	1	
	647	

VA CENTER: WHITE RIVER JUNCTION, VERMONT – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	37	
Medical intern	16	
Medical student in first 2 school years	16	Dartmouth Medical Sch., Hanover, N.H.
Total	69	

VA CENTER: HAMPTON, VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	9	
Audiology & speech pathology student (master's degree)	3	Old Dominion Univ., Norfolk, Va.
Psychology student (graduate trg.)	1	Emory Univ., Atlanta, Ga.
Social work student (master's degree)	4	Virginia Commonwealth Univ. Sch. of Social Work, Richmond, Va.
Corrective therapist student (baccalaureate)	13	Norfolk State Coll., Norfolk, Va. Old Dominion Univ., Norfolk, Va. Hampton Institute Coll. of William & Mary, Williamsburg, Va.
Recreation specialist student	1	Virginia State Coll., Petersburg, Va.
Personnel management specialist trainee	1	
Total	32	

VA HOSPITAL: RICHMOND, VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	122	
Medical intern	69	
Career PM&R resident	1	
Dental intern (noncareer)	1	

Training Program	Number of Trainees	Cooperating Institutions
Medical student in second 2 school years	127	Virginia Commonwealth Univ. Medical Coll. of Virginia
Audiology & speech pathology student (master's degree)	4	Univ. of Virginia, Charlottesville, Va.
Psychology student (graduate trg.)	13	Virginia Commonwealth Univ. Catholic Univ., Washington, D.C. Univ. of South Carolina, Columbia, S.C.
Social work student (master's degree)	4	Virginia Commonwealth Univ.
Occupational therapist student	8	Virginia Commonwealth Univ.
Physical therapist student	7	Virginia Commonwealth Univ. Medical Coll. of Virginia
Recreation specialist student	3	Virginia Commonwealth Univ. Virginia State Coll., Ettrick, Va.
Medical technologist student (AMA - approved)	30	Virginia Commonwealth Univ. Medical Coll. of Virginia
Orthotist-prosthetist trainee	2	
Prosthetic representative trainee	2	
Accountant trainee	1	
Medical administrative trainee	1	
Total	395	

VA HOSPITAL: SALEM, VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	18	
Medical student in first 2 school years	3	Univ. of Virginia Medical Center, Charlottesville, Va.
Dental assistant trainee	22	Virginia Western Comm. Coll., Roanoke, Va.
Basic nursing student	55	Sch. of Nursing Comm. Hospital of Roanoke Valley, Roanoke, Va. Sch. of Professional Nursing, Roanoke Memorial Hospital, Roanoke, Va.

Training Program	Number of Trainees
Practical nurse student	14
Psychology student (baccalaureate)	2
Social work student (master's degree)	4
Social work student (baccalaureate)	1
Occupational therapist student	5
Chief of staff trainee	1
Graduate engineer trainee	1
Building management officer trainee	2
Total	128

VA HOSPITAL: AMERICAN LAKE, TACOMA, WASH

Training Program	Number of Trainees
Basic nursing student	120
Psychology student (graduate trg.)	10
Vocational rehabilitation counselor student	1
Social work student (master's degree)	5
Social work student (baccalaureate)	5
Occupational therapist student	6
Corrective therapist student	2
Occupational therapy assistant trainee	8

Number of Trainees	Cooperating Institutions
127	Virginia Commonwealth Univ. Medical Coll. of Virginia
4	Univ. of Virginia, Charlottesville, Va.
13	Virginia Commonwealth Univ. Catholic Univ., Washington, D.C. Univ. of South Carolina, Columbia, S.C.
4	Virginia Commonwealth Univ.
8	Virginia Commonwealth Univ.
7	Virginia Commonwealth Univ. Medical Coll. of Virginia
3	Virginia Commonwealth Univ. Virginia State Coll., Ettrick, Va.
30	Virginia Commonwealth Univ. Medical Coll. of Virginia
2	
2	
1	
1	
395	

LEM, VIRGINIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
18	
3	Univ. of Virginia Medical Center, Charlottesville, Va.
22	Virginia Western Comm. Coll., Roanoke, Va.
55	Sch. of Nursing Comm. Hospital of Roanoke Valley, Roanoke, Va. Sch. of Professional Nursing, Roanoke Memorial Hospital, Roanoke, Va.

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	14	Lucy Addison High Sch., Sch. of Practical Nursing, Burrell Memorial Hospital, Roanoke, Va.
Psychology student (baccalaureate)	2	West Virginia Univ., Morgantown, W. Va.
Social work student (master's degree)	4	Sch. of Social Work, Virginia Commonwealth Univ., Richmond, Va.
Social work student (baccalaureate)	1	Hollins Coll., Hollins, Va.
Occupational therapist student	5	State Univ. of New York at Buffalo, Buffalo, N.Y. Sch. of Occupational Therapy, Virginia Commonwealth Univ., Richmond, Va.
Chief of staff trainee	1	
Graduate engineer trainee	1	
Building management officer trainee	2	
Total	128	

VA HOSPITAL: AMERICAN LAKE, TACOMA, WASHINGTON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	120	Pacific Lutheran Univ. High Line Jr. Coll., Midway, Wash. St. Joseph's Hospital
Psychology student (graduate trg.)	10	Univ. of Washington, Seattle, Wash.
Vocational rehabilitation counselor student	1	Univ. of Washington, Seattle, Wash.
Social work student (master's degree)	5	Univ. of Washington, Seattle, Wash.
Social work student (baccalaureate)	5	Pacific Lutheran Univ.
Occupational therapist student	6	Univ. of Puget Sound Univ. of Washington, Seattle, Wash. Boston Univ., Boston, Mass.
Corrective therapist student	2	Pacific Lutheran Univ.
Occupational therapy assistant trainee	8	Green River Comm. Coll., Auburn, Wash.

Training Program	Number of Trainees	Cooperating Institutions
Physical therapy assistant trainee	12	Green River Comm. Coll., Auburn, Wash.
Medical technician trainee	14	Clover Park Voc. Sch.
Total	183	

VA HOSPITAL: SEATTLE, WASHINGTON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	144	
Medical intern	15	
Career psychiatry resident	1	
Career pathology resident	3	
Dental resident (noncareer)	2	
Dental intern (noncareer)	1	
Career dental resident	1	
Career dental intern	1	
Medical student in first 2 school years	53	Univ. of Washington
Medical student in second 2 school years	135	Univ. of Washington
Research and education trainee	5	
Dental student in second 2 school years	150	
Dental assistant trainee	24	Edmonds Comm. Coll., Edmonds, Wash.
Dental hygienist trainee	25	Shoreline Comm. Coll.
Basic nursing student	200	Univ. of Washington Bellevue Comm. Coll., Bellevue, Wash. Seattle Univ.
Graduate nursing student	13	Univ. of Washington
Audiology & speech pathology student (doctoral)	9	Univ. of Washington
Audiology & speech pathology student (master's degree)	1	Univ. of Washington
Psychology student (graduate trg.)	10	Univ. of Oregon, Eugene, Ore. Univ. of Washington Washington State Univ., Pullman, Wash.
Psychology student (postdoctoral)	1	
Vocational rehabilitation counselor student	3	Michigan State Univ., East Lansing, Mich. Univ. of Washington
Social work student (master's degree)	7	Univ. of Washington
Occupational therapist student	12	
Physical therapist student	31	
Occupational therapy assistant trainee	2	
Pharmacy intern	1	
Pharmacy resident	1	
Pharmacy student	9	
Medical technologist student (AMA - approved)	7	
Medical record librarian trainee (AMA - approved)	4	
Inhalation therapy technician trainee (AMA - approved)	50	
Electroencephalograph technician trainee	2	
Cardiopulmonary technician trainee	6	
Gastroenterology technician trainee	3	
Management analyst trainee	1	
Supply management trainee	1	
Medical photographer trainee	6	
Miscellaneous allied health training	2	
Miscellaneous services training	14	
Total	956	

VA HOSPITAL: SPOKANE, WASHINGTON –

Training Program	Number of Trainees
Basic nursing student	33
Nursing assistant trainee	46
Social work student (master's degree)	2
Cardiopulmonary technician trainee	4
Personnel management specialist trainee	1
Total	86

	Number of Trainees	Cooperating Institutions
	12	Green River Comm. Coll., Auburn, Wash.
	14	Clover Park Voc. Sch.
	183	

SEATTLE, WASHINGTON – FISCAL YEAR 1971

	Number of Trainees	Cooperating Institutions
)	144	
	15	
	1	
	3	
	2	
	1	
	1	
	1	
hool	53	Univ. of Washington
school	135	Univ. of Washington
nee	5	
school	150	
	24	Edmonds Comm. Coll., Edmonds, Wash.
	25	Shoreline Comm. Coll.
	200	Univ. of Washington Bellevue Comm. Coll., Bellevue, Wash. Seattle Univ.
	13	Univ. of Washington
ogy	9	Univ. of Washington
ogy)	1	Univ. of Washington
te trg.)	10	Univ. of Oregon, Eugene, Ore. Univ. of Washington Washington State Univ., Pullman, Wash.
ctoral)	1	
unselor	3	Michigan State Univ., East Lansing, Mich. Univ. of Washington
	7	Univ. of Washington

Training Program	Number of Trainees	Cooperating Institutions
Occupational therapist student	12	Univ. of Washington Univ. of Puget Sound, Tacoma, Wash.
Physical therapist student	31	Univ. of Washington
Occupational therapy assistant trainee	2	Green River Comm. Coll., Auburn, Wash.
Pharmacy intern	1	
Pharmacy resident	1	Univ. of Washington
Pharmacy student	9	Univ. of Washington
Medical technologist student (AMA - approved)	7	Univ. of Washington
Medical record librarian trainee (AMA - approved)	4	Providence Hospital Sch. of Medical Records Science
Inhalation therapy technician trainee (AMA - approved)	50	Highline Comm. Coll., Midway, Wash.
Electroencephalograph technician trainee	2	Univ. of Washington
Cardiopulmonary technician trainee	6	Spokane Comm. Coll., Spokane, Wash.
Gastroenterology technician trainee	3	
Management analyst trainee	1	
Supply management trainee	1	
Medical photographer trainee	6	Bellevue Comm. Coll., Bellevue, Wash.
Miscellaneous allied health training	2	
Miscellaneous services training	14	
Total	956	

VA HOSPITAL: SPOKANE, WASHINGTON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	33	Washington State Univ., Pullman, Wash.
Nursing assistant trainee	46	Spokane Comm. Coll.
Social work student (master's degree)	2	Univ. of Washington, Seattle, Wash.
Cardiopulmonary technician trainee	4	Spokane Comm. Coll.
Personnel management specialist trainee	1	
Total	86	

VA HOSPITAL: VANCOUVER, WASHINGTON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	1	
Dental hygienist trainee	29	Clark Coll.
Basic nursing student	23	Clark Coll.
Psychology student (graduate trg.)	2	Univ. of Portland, Portland, Ore. Colorado State Univ., Ft. Collins, Colo.
Social work student (master's degree)	3	Portland State Univ., Portland, Ore.
Occupational therapy assistant trainee	4	Mount Hood Comm. Coll., Gresham, Ore.
Radiologic technologist trainee (AMA - approved)	1	Oregon Technological Institute, Klamath Falls, Ore.
Personnel management specialist trainee	1	
Total	64	

VA HOSPITAL: WALLA WALLA, WASHINGTON – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Basic nursing student	55	Walla Walla Comm. Coll. Walla Walla Coll.
Practical nurse student	32	Walla Walla Comm. Coll.
Nursing assistant trainee	17	
Food service worker trainee	5	Washington State Security Dept. WA-Hi High Sch.
Miscellaneous administrative training	6	Washington State Security Dept. WA-Hi High Sch.
Miscellaneous services training	6	Washington State Security Dept. WA-Hi High Sch.
Total	121	

VA HOSPITAL: BECKLEY, WEST VIRGIN

Training Program	Number of Trainees
Certified laboratory assistant trainee (AMA - approved)	12
Total	12

VA HOSPITAL: CLARKSBURG, WEST VIRGI

Training Program	Number of Trainees
Medical resident (noncareer)	11
Dental intern (noncareer)	1
Medical student in second 2 school years	71
Basic nursing student	86
Psychology student (postdoctoral)	3
Social work student (master's degree)	2
Hospital librarian student	1
Nurse anesthetist trainee	2
Physician's assistant trainee	6
Personnel management specialist trainee	1
Total	184

VA HOSPITAL: HUNTINGTON, WEST VIRGI

Training Program	Number of Trainees
Medical resident (noncareer)	5
Dental resident (noncareer)	2
Social work student (master's degree)	6
Dietetic intern affiliate	1
Total	14

UVER, WASHINGTON – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
1	
29	Clark Coll.
23	Clark Coll.
2	Univ. of Portland, Portland, Ore. Colorado State Univ., Ft. Collins, Colo.
3	Portland State Univ., Portland, Ore.
4	Mount Hood Comm. Coll., Gresham, Ore.
1	Oregon Technological Institute, Klamath Falls, Ore.
1	
64	

ALLA, WASHINGTON – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
55	Walla Walla Comm. Coll. Walla Walla Coll.
32	Walla Walla Comm. Coll.
17	
5	Washington State Security Dept. WA-Hi High Sch.
6	Washington State Security Dept. WA-Hi High Sch.
6	Washington State Security Dept. WA-Hi High Sch.
121	

VA HOSPITAL: BECKLEY, WEST VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Certified laboratory assistant trainee (AMA - approved)	12	
Total	12	

VA HOSPITAL: CLARKSBURG, WEST VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	11	
Dental intern (noncareer)	1	
Medical student in second 2 school years	71	West Virginia Univ., Morgantown, W. Va.
Basic nursing student	86	West Virginia Wesleyan Coll., Buckhannon, West Virginia
Psychology student (postdoctoral)	3	West Virginia Univ., Morgantown, W. Va.
Social work student (master's degree)	2	West Virginia Univ., Morgantown, W. Va.
Hospital librarian student	1	West Virginia Wesleyan Coll., Buckhannon, West Virginia
Nurse anesthetist trainee	2	St. Mary's Hospital Sch. of Nurse Anesthetists, Clarksburg, W. Va.
Physician's assistant trainee	6	Alderson-Broaddus Coll., Philippi, W. Va.
Personnel management specialist trainee	1	
Total	184	

VA HOSPITAL: HUNTINGTON, WEST VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	5	
Dental resident (noncareer)	2	
Social work student (master's degree)	6	West Virginia Univ., Morgantown, W. Va.
Dietetic intern affiliate	1	Marshall Univ.
Total	14	

VA CENTER: MARTINSBURG, WEST VIRGINIA – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	3	
Dental intern (noncareer)	1	
Career dental intern	1	
Basic nursing student	22	Kings Daughters Hospital
Practical nurse student	25	James Rumsey Voc. Tech. Center
Audiology & speech pathology student (master's degree)	4	West Virginia Univ., Morgantown, W. Va.
Psychology student (graduate trg.)	6	Catholic Univ., Washington, D.C. West Virginia Univ., Morgantown, W. Va.
Corrective therapist student	1	Shepherd Coll., Shepherdstown, W. Va.
Pharmacy intern	1	West Virginia Univ., Morgantown, W. Va.
Medical technologist student (AMA - approved)	3	Shepherd Coll., Shepherdstown, W. Va.
Physician's assistant trainee	2	Alderson-Broaddus Coll., Philippi, W. Va.
Personnel management specialist trainee	2	
Accountant trainee	1	
Supply management trainee	1	
Total	73	

VA HOSPITAL: MADISON, WISCONSIN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	122	
Medical intern	54	
Career pathology resident	1	
Basic nursing student	107	Univ. of Wisconsin Sch. of Nursing
Practical nurse student	161	Madison Area Tech. Coll.
Social work student (master's degree)	2	Univ. of Wisconsin
Physical therapist student	1	Univ. of Wisconsin
Pharmacy resident	1	Univ. of Wisconsin
Dietetic intern affiliate	9	Univ. of Wisconsin
Personnel management specialist trainee	1	
Total	459	

VA HOSPITAL: TOMAH, WISCONSIN – FISCAL

Training Program	Number of Trainees	Coope
Practical nurse student	79	Weste Ins Wi
Social work student (baccalaureate)	2	
Medical technician trainee	8	Weste Ins Wi Distric Ea
Graduate engineer trainee	1	
Personnel management specialist trainee	1	
Miscellaneous administrative training	17	Weste Ins Wi
Total	108	

VA CENTER: WOOD, WISCONSIN – FISCAL Y

Training Program	Number of Trainees	Cooper
Medical resident (noncareer)	192	
Medical intern	18	
Career psychiatry resident	2	
Career anesthesiology resident	1	
Dental resident (noncareer)	6	
Dental intern (noncareer)	3	
Career dental resident	5	
Career dental intern	1	
Medical student in first 2 school years	151	Medica Mil
Medical student in second 2 school years	98	Medica Mil
Dental assistant trainee	16	Milwau Mil
Dental laboratory technician trainee	2	Milwau Mil
Basic nursing student	280	Milwau He Mil Marqu Nu

, WEST VIRGINIA – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
3	
1	
1	
22	Kings Daughters Hospital
25	James Rumsey Voc. Tech. Center
4	West Virginia Univ., Morgantown, W. Va.
6	Catholic Univ., Washington, D.C.
	West Virginia Univ., Morgantown, W. Va.
1	Shepherd Coll., Shepherdstown, W. Va.
1	West Virginia Univ., Morgantown, W. Va.
3	Shepherd Coll., Shepherdstown, W. Va.
2	Alderson-Broaddus Coll., Philippi, W. Va.
2	
1	
1	
73	

N, WISCONSIN – FISCAL YEAR 1971

Number of Trainees	Cooperating Institutions
122	
54	
1	
107	Univ. of Wisconsin Sch. of Nursing
161	Madison Area Tech. Coll.
2	Univ. of Wisconsin
1	Univ. of Wisconsin
1	Univ. of Wisconsin
9	Univ. of Wisconsin
1	
459	

VA HOSPITAL: TOMAH, WISCONSIN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Practical nurse student	79	Western Wisconsin Tech. Institute, La Crosse, Wisc.
Social work student (baccalaureate)	2	
Medical technician trainee	8	Western Wisconsin Tech. Institute, La Crosse, Wisc. District One Tech. Institute, Eau Claire, Wisc.
Graduate engineer trainee	1	
Personnel management specialist trainee	1	
Miscellaneous administrative training	17	Western Wisconsin Tech. Institute, La Crosse, Wisc.
Total	108	

VA CENTER: WOOD, WISCONSIN – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	192	
Medical intern	18	
Career psychiatry resident	2	
Career anesthesiology resident	1	
Dental resident (noncareer)	6	
Dental intern (noncareer)	3	
Career dental resident	5	
Career dental intern	1	
Medical student in first 2 school years	151	Medical Coll. of Wisconsin, Milwaukee, Wisc.
Medical student in second 2 school years	98	Medical Coll. of Wisconsin, Milwaukee, Wisc.
Dental assistant trainee	16	Milwaukee Area Tech. Coll., Milwaukee, Wisc.
Dental laboratory technician trainee	2	Milwaukee Area Tech. Coll., Milwaukee, Wisc.
Basic nursing student	280	Milwaukee Area Tech. Coll., Health Occupations, Milwaukee, Wisc. Marquette Univ. Coll. of Nursing, Milwaukee, Wisc.

Training Program	Number of Trainees	Cooperating Institutions
		Alverno Coll., Milwaukee, Wisc.
		Univ. of Wisconsin-Milwaukee Sch. of Nursing, Milwaukee, Wisc.
Graduate nursing student	6	Marquette Univ. Coll. of Nursing, Milwaukee, Wisc.
Practical nurse student	78	Milwaukee Area Tech. Coll., Health Occupations, Milwaukee, Wisc.
		Waukesha County Tech. Institute, Waukesha, Wisc.
Audiology & speech pathology student (master's degree)	2	Univ. of Wisconsin, Milwaukee, Wisc.
Psychology student (graduate trg.)	19	Univ. of Wisconsin, Madison, Wisc.
		Univ. of Wisconsin, Milwaukee, Wisc.
		Univ. of Southern Illinois, Carbondale, Ill.
		Univ. of Arkansas, Fayetteville, Ark.
		Loyola Univ., Chicago, Ill.
		Univ. of Houston, Houston, Texas
Psychology student (postdoctoral)	2	Univ. of Tennessee, Knoxville, Tenn.
		Univ. of Texas, Austin, Texas
Vocational rehabilitation counselor student	3	Univ. of Wisconsin, Milwaukee, Wisc.
Social work student (master's degree)	6	Sch. of Social Welfare Univ. of Wisconsin, Milwaukee, Wisc.
Social work student (baccalaureate)	8	Sch. of Social Welfare Univ. of Wisconsin, Milwaukee, Wisc.
		Mt. Mary Coll., Milwaukee, Wisc.
		Mt. Mary Coll., Milwaukee, Wisc.
Occupational therapist student	6	Mount Mary Coll., Milwaukee, Wisc.
		Univ. of Wisconsin, Madison, Wisc.
		Western Michigan Univ., Kalamazoo, Mich.

Training Program	Numb Traine
Physical therapist student	1
Pharmacology clinical trainee	
Pharmacy intern	
Dietetic intern	
Medical technologist student (AMA - approved)	1
Histologic technician trainee	
Medical technician trainee	
Hospital librarian work-study	
Radiologic technologist trainee (AMA - approved)	2
X-ray film processor trainee	
Inhalation therapy technician trainee (AMA - approved)	
Medical student anesthesiology trainee	
Cardiopulmonary technician trainee	
Chief of staff trainee	
Laundry superintendent trainee	
Assistant hospital director trainee	
Miscellaneous physician training	
Miscellaneous administrative training	
Total	99

	Number of Trainees	Cooperating Institutions
		Alverno Coll., Milwaukee, Wisc.
		Univ. of Wisconsin-Milwaukee Sch. of Nursing, Milwaukee, Wisc.
	6	Marquette Univ. Coll. of Nursing, Milwaukee, Wisc.
	78	Milwaukee Area Tech. Coll., Health Occupations, Milwaukee, Wisc.
		Waukesha County Tech. Institute, Waukesha, Wisc.
	2	Univ. of Wisconsin, Milwaukee, Wisc.
	19	Univ. of Wisconsin, Madison, Wisc.
		Univ. of Wisconsin, Milwaukee, Wisc.
		Univ. of Southern Illinois, Carbondale, Ill.
		Univ. of Arkansas, Fayetteville, Ark.
		Loyola Univ., Chicago, Ill.
		Univ. of Houston, Houston, Texas
	2	Univ. of Tennessee, Knoxville, Tenn.
		Univ. of Texas, Austin, Texas
	3	Univ. of Wisconsin, Milwaukee, Wisc.
e)	6	Sch. of Social Welfare Univ. of Wisconsin, Milwaukee, Wisc.
	8	Sch. of Social Welfare Univ. of Wisconsin, Milwaukee, Wisc.
		Mt. Mary Coll., Milwaukee, Wisc.
		Mt. Mary Coll., Milwaukee, Wisc.
	6	Mount Mary Coll., Milwaukee, Wisc.
		Univ. of Wisconsin, Madison, Wisc.
		Western Michigan Univ., Kalamazoo, Mich.

Training Program	Number of Trainees	Cooperating Institutions
Physical therapist student	17	Univ. of Indiana, Indianapolis, Ind. Marquette Univ., Milwaukee, Wisc. Univ. of Wisconsin, Madison, Wisc.
Pharmacology clinical trainee	1	Medical Coll. of Wisconsin, Milwaukee, Wisc.
Pharmacy intern	1	Univ. of Wisconsin, Madison, Wisc.
Dietetic intern	2	VA Hospital Hines, Ill.
Medical technologist student (AMA - approved)	17	Marquette Univ., Milwaukee, Wisc. Mount Mary Coll., Milwaukee, Wisc. Univ. of Wisconsin, Milwaukee, Wisc. Wisconsin State Univ., Oshkosh, Wisc.
Histologic technician trainee	2	Medical Coll. of Wisconsin, Milwaukee, Wisc. Milwaukee County Hospital, Milwaukee, Wisc. VA Center Wood, Wisc.
Medical technician trainee	1	
Hospital librarian work-study	1	Univ. of Wisconsin, Milwaukee, Wisc.
Radiologic technologist trainee (AMA - approved)	28	
X-ray film processor trainee	4	
Inhalation therapy technician trainee (AMA - approved)	2	Milwaukee Area Tech. Coll., Milwaukee, Wisc.
Medical student anesthesiology trainee	7	
Cardiopulmonary technician trainee	3	St. Mary's Hospital, Milwaukee, Wisc. Deaconess Hospital, Milwaukee, Wisc. St. Joseph's Hospital, Milwaukee, Wisc.
Chief of staff trainee	1	VA Hospital Fargo, N.D.
Laundry superintendent trainee	1	
Assistant hospital director trainee	1	
Miscellaneous physician training	1	Marquette Univ., Milwaukee, Wisc.
Miscellaneous administrative training	1	
Total	996	

VA CENTER: CHEYENNE, WYOMING – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Medical resident (noncareer)	7	
Radiologic technologist trainee (AMA - approved)	10	Sch. of X-Ray Tech. Pershing Memorial Hospital
Operating room technician trainee	2	Para-Medical Program Laramie County Comm. Coll.
Total	19	

VA HOSPITAL: SHERIDAN, WYOMING – FISCAL YEAR 1971

Training Program	Number of Trainees	Cooperating Institutions
Dental hygienist trainee	15	Sheridan Coll.
Dental laboratory technician trainee	2	Sheridan Coll.
Psychology student (graduate trg.)	5	Univ. of Wyoming, Laramie, Wyo.
Alcoholism rehabilitation counselor trainee	1	Sheridan Coll.
Social work student (baccalaureate)	2	
Miscellaneous allied health training	24	Univ. of Wyoming, Laramie, Wyo.
Total	49	

APPENDIX A

BUDGET—PAST AND PRESENT

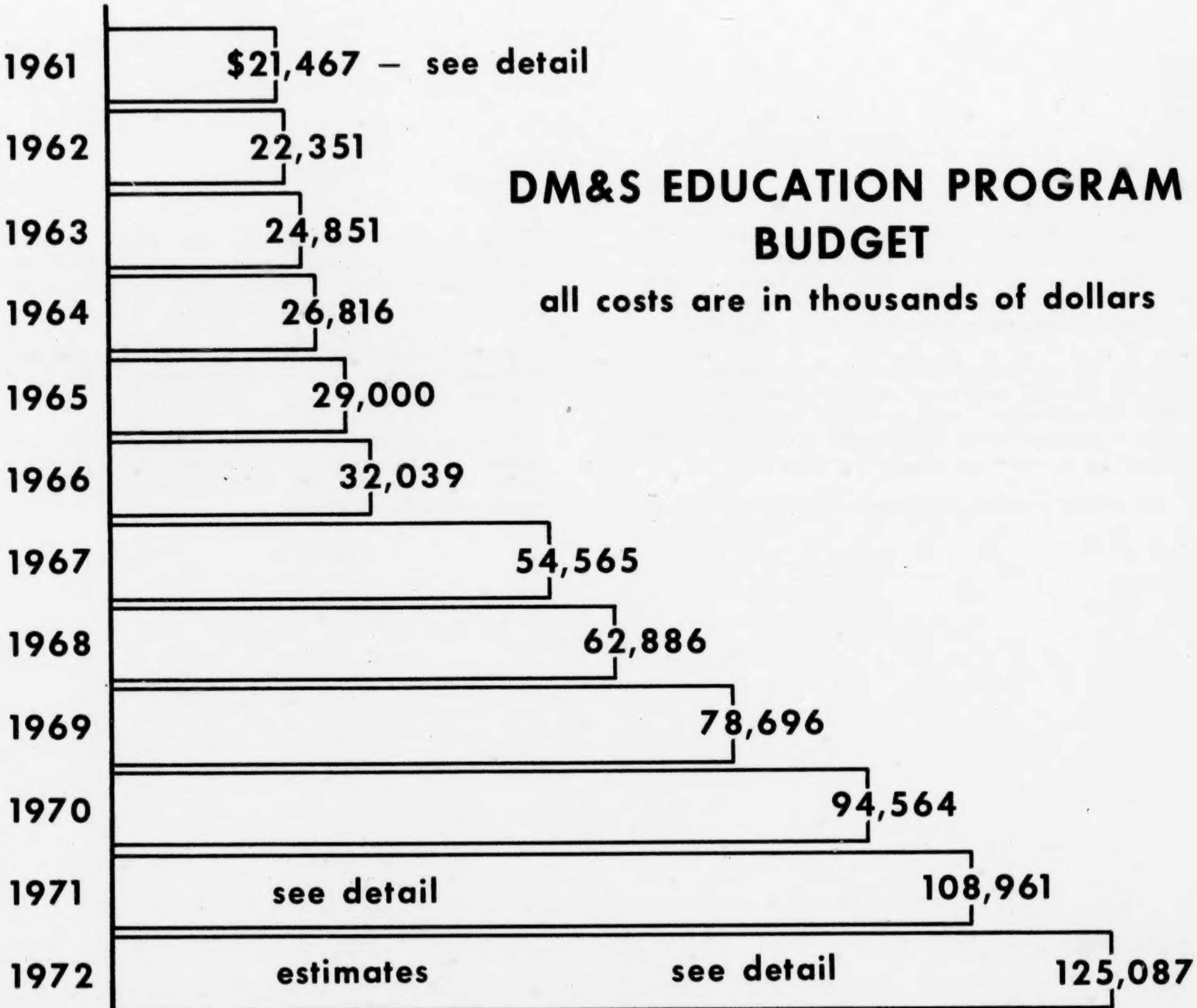
The constant growth of the education and training programs of the VA's Department of Medicine and Surgery is reflected in the following budgetary graphs. With the five-fold increase in funding support between FY 1961 and 1971, the number of trainees has correspondingly grown from 16,529 to 53,096.

While the major cost category is that which covers stipends for trainees, including interns and residents, approximately two-thirds of these trainees received no stipends. It is clear that other types of costs have played a progressively important role as both the size and the scope of the program have expanded.

Continuing education (Postgraduate and Inservice Training) has assumed a new importance which will become even more significant as more and more States and national organizations develop specific continuing education requirements for relicensure, recertification, and society membership.

The costs of instruction, space renovation, and educational equipment inevitably rise as programs expand, multiply, and become more complex.

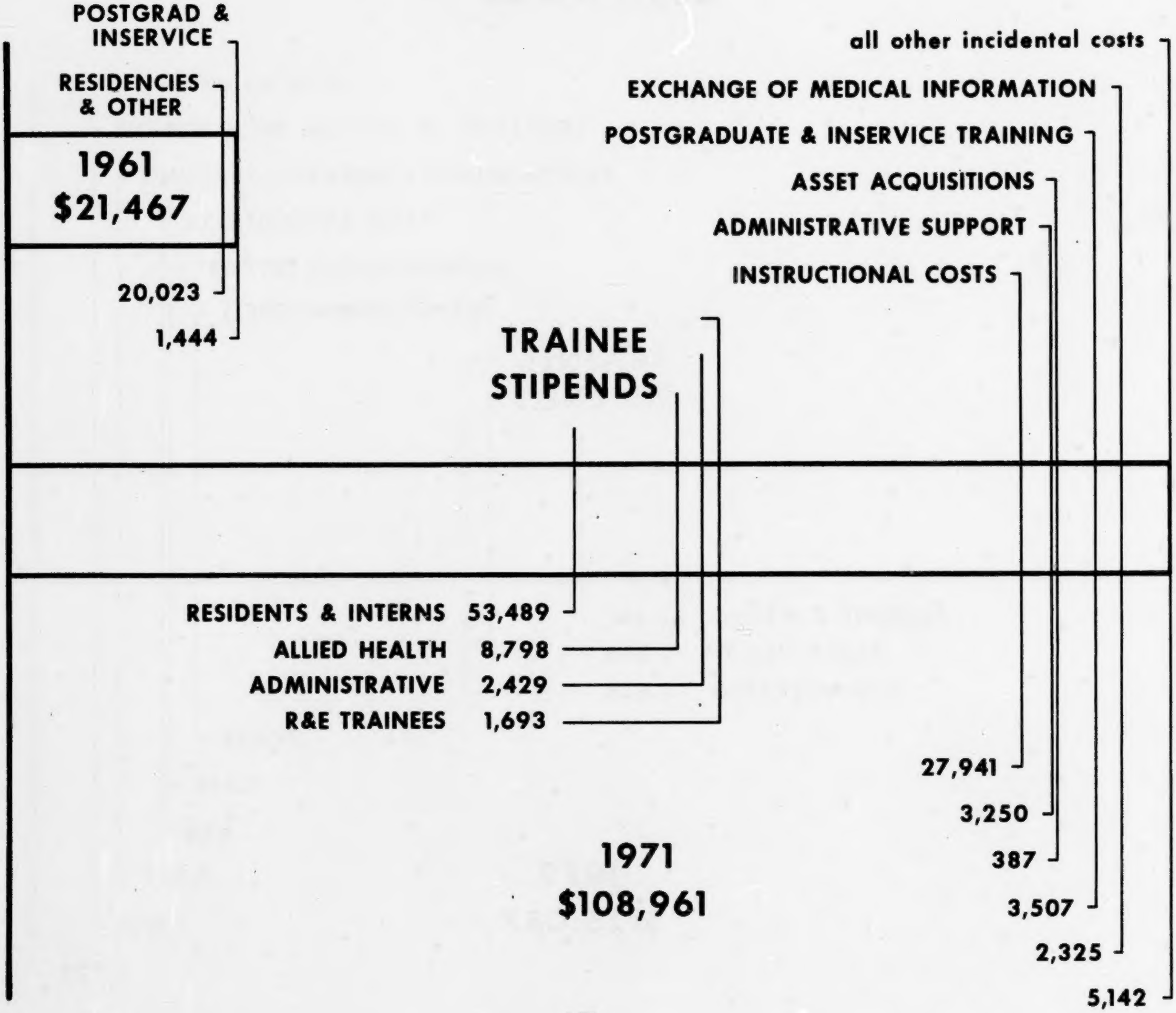
Exchange of Medical Information funds were first made available in FY 1968 and support special projects which are carried out under legislation signed in November 1966 and described elsewhere in this report.



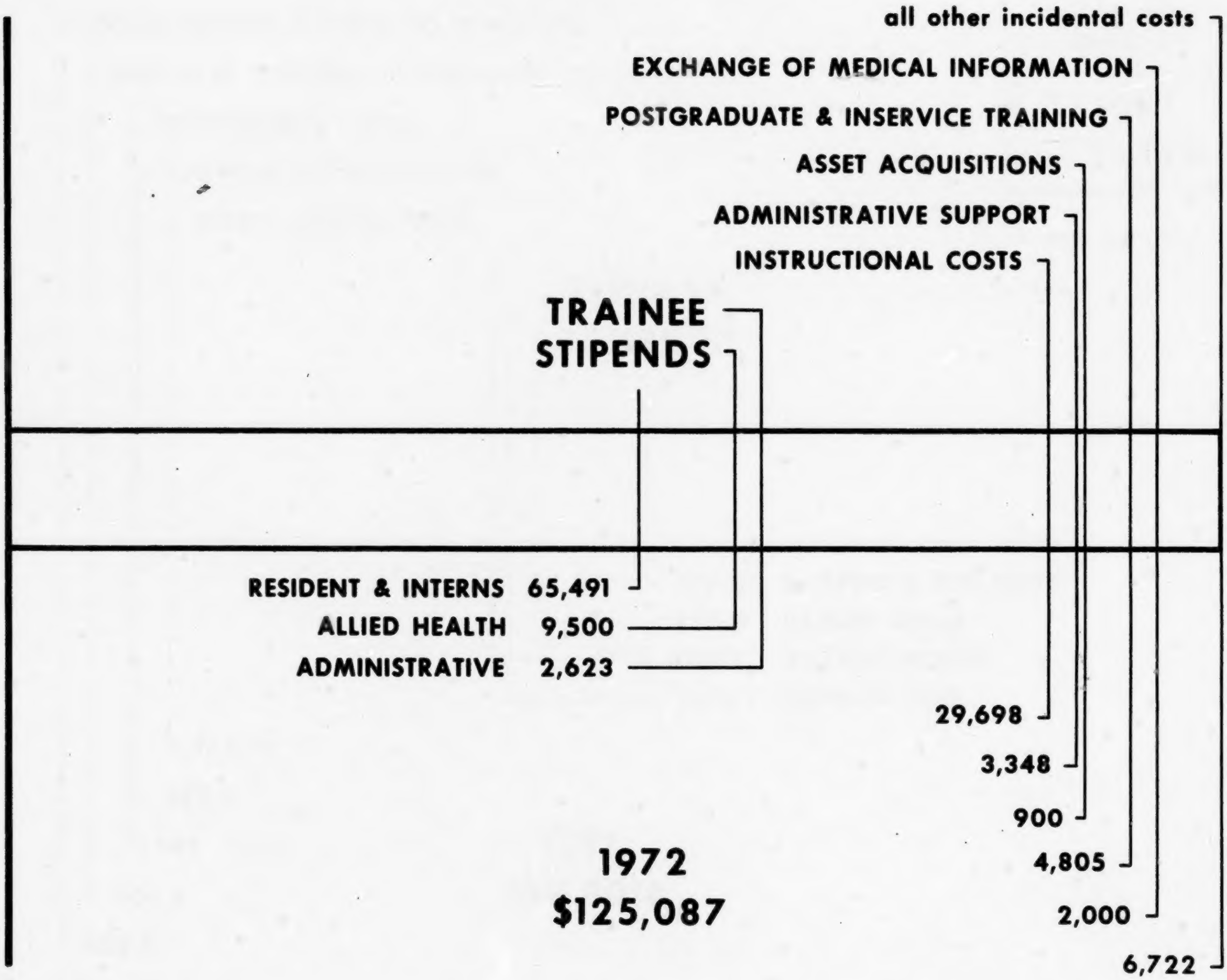
DM&S EDUCATION PROGRAM BUDGET

all costs are in thousands of dollars

EXPENDITURES



ESTIMATES


all other incidental costs
EXCHANGE OF MEDICAL INFORMATION
POSTGRADUATE & INSERVICE TRAINING
ASSET ACQUISITIONS
ADMINISTRATIVE SUPPORT
INSTRUCTIONAL COSTS
TRAINEE STIPENDS
RESIDENT & INTERNS 65,491
ALLIED HEALTH 9,500
ADMINISTRATIVE 2,623
29,698
3,348
900
4,805
2,000
6,722
1972
$125,087

APPENDIX B

REFERENCES AND BIBLIOGRAPHY

The enabling legislation and other significant program documents cited in the text are presented in this section. To conserve space, only the directly pertinent portions of Public Laws and other documents which are readily available from the usual reference sources are reproduced. They are arranged chronologically. Agency and departmental circulars, memoranda, and similar issues not normally referenced by non-VA archives are presented here in their entirety, also by date of issue. Certain more voluminous publications are listed only by title, publisher, or other source at the end of this section.

Public Law 293, 79th Congress, Chapter 658, 1st Session, H. R. 4717

AN ACT to establish a Department of Medicine and Surgery in the Veterans' Administration.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the medical service in the Veterans' Administration, as at present constituted, is hereby abolished and in its stead there is authorized and established in the Veterans' Administration a Department of Medicine and Surgery under a Chief Medical Director. The functions of the Department of Medicine and Surgery shall be those necessary for a complete medical and hospital service to be prescribed by the Administrator of Veterans Affairs (hereinafter referred to as the Administrator) pursuant to this Act, other statutory authority and regulations established pursuant to law, for the medical care and treatment of veterans. . . .

SEC. 14. . . . .

(b) The Administrator shall have authority to establish residencies; to appoint qualified persons to such positions without regard to civil service or classification laws, rules, or regulations; and to prescribe the conditions of such employment, including necessary training, and the customary amount and terms of pay during the period of such employment and training. . . .

Approved January 3, 1946.

Public Law 85-507, 85th Congress, S. 385, July 7, 1958

AN ACT to increase efficiency and economy in the Government by providing for training programs for civilian officers and employees of the Government with respect to the performance of official duties.

SECTION 1. This Act may be cited as the "Government Employees Training Act".

SEC. 2. It is hereby declared to be the policy of the Congress—

(1) that, in order to promote efficiency and economy in the operation of the Government and provide means for the development of maximum proficiency in the performance of official duties by employees thereof, to establish and maintain the highest standards of performance in the transaction of the public business, and to install and utilize effectively the best modern practices and techniques which have been developed, tested, and proved within or outside of the Government, it is necessary and desirable in the public interest that self-education, self-improvement, and self-training by such employees be supplemented and extended by Government-sponsored programs, provided for by this Act, for the training of such employees in the performance of official duties and for the development of skills, knowledge, and abilities which will best qualify them for performance of official duties;. . . .

SEC. 8. The program or programs of each department for the training of employees by, in, and through Government facilities under authority of this Act—

(1) shall provide for training, insofar as practicable, by, in, and through those Government facilities which are under the jurisdiction or control of such department, and

(2) shall provide for the making by such department to the extent necessary and appropriate, of agreements with other departments, and with other agencies in any branch of the Government, on a reimbursable basis if so requested by such other departments and agencies, ...

SEC. 9. (a) The head of each department is authorized to enter into agreements or make other appropriate arrangements for the training of employees of such department by, in, or through non-Government facilities in accordance with this Act, ...

(b) The program or programs of each department for the training of employees . . . . shall. . . .

(2) give appropriate consideration to the needs and requirements of such department in recruiting and retaining scientific, professional, technical, and administrative employees. . . .

Approved July 7, 1958.

Public Law 89-785, 89th Congress, H. R. 11631, November 7, 1966

AN ACT to amend title 38 of the United States Code to clarify, improve, and add additional programs relating to the Department of Medicine and Surgery of the Veterans' Administration, and for other purposes.

SECTION 1. This Act may be cited as the "Veterans Hospitalization and Medical Services Modernization Amendments of 1966."

TITLE I–AMENDMENTS TO CHAPTER 73 OF TITLE 38, UNITED STATES CODE–DEPARTMENT OF MEDICINE AND SURGERY

TRAINING AND EDUCATION OF HEALTH SERVICE PERSONNEL

SEC. 101. Section 4101 of title 38, United States Code, is amended by inserting "(a)" immediately before the first sentence and by adding at the end thereof the following new subsection:

"(b) In order to more effectively carry out the functions imposed on the Department of Medicine and Surgery by subsection (a) of this section, the Administrator shall carry out a program of training and education of health service personnel, acting in cooperation with schools of medicine, dentistry, osteopathy, and nursing; other institutions of higher learning; medical centers; hospitals; and such other public or nonprofit agencies, institutions, or organizations as the Administrator deems appropriate." . . . .

Subchapter IV–Sharing of Medical Facilities, Equipment, and Information

§ 5051. Statement of Congressional purpose

It is the purpose of this subchapter to improve the quality of hospital care and other medical service provided veterans under this title, by authorizing the Administrator to enter into agreements with medical schools, hospitals, and research centers throughout the country in order to receive from and share with such medical schools, hospitals, and research centers the most advanced medical techniques and information, as well as certain specialized medical resources which otherwise might not be feasibly available or to effectively utilize other medical resources with the surrounding medical community, without diminution of services to veterans. Among other things, it is intended, by these means, to strengthen the medical programs at those Veterans Administration hospitals which are located in small cities or rural areas and thus are remote from major medical centers. . . .

§ 5054. Exchange of medical information

(a) The Administrator is authorized to enter into agreements with medical schools, hospitals, research centers, and individual members of the medical profession under which medical information and techniques will be freely exchanged and the medical information services of all parties to the agreement will be available for use by any party to the agreement under conditions specified in the agreement. In carrying out the purposes of this section, the Administrator shall utilize recent developments in electronic equipment to provide a close educational, scientific, and professional link between Veterans Administration hospitals and major medical centers. Such agreements shall be utilized by the Administrator to the maximum extent practicable to create, at each Veterans Administration hospital which is a part of any such agreement, an environment of academic medicine which will help such hospital attract and retain highly trained and qualified members of the medical profession.

(b) In order to bring about utilization of all medical information in the surrounding medical community, particularly in remote areas, and to foster and encourage the widest possible cooperation and consultation among all members of the medical profession in such community, the educational facilities and programs established at Veterans Administration hospitals and the electronic link to medical centers shall be made available for use by surrounding medical community. . . .

§ 5055. Pilot programs; grants to medical schools

(a) The Administrator may establish an Advisory Subcommittee on Programs for Exchange of Medical Information, of the Special Medical Advisory Group, established under section 4112 of this title, to advise him on matters regarding the administration of this section and to coordinate these functions with other research and education programs in the Department of Medicine and Surgery. The Assistant Chief Medical Director for Research and Education in Medicine shall be an ex officio member of this Subcommittee.

(b) The Administrator, upon the recommendation of the Subcommittee, is authorized to make grants to medical schools, hospitals, and research centers to assist such medical schools, hospitals, and research centers in planning and carrying out agreements authorized by section 5054 of this title. Such grants may be used for the employment of personnel, the construction of facilities, the purchasing of equipment when necessary to implement such programs, and for such other purposes as will facilitate the administration of this section.

(c) (1) There is hereby authorized to be appropriated an amount not to exceed $3,000,000 for each of the first four fiscal years following the fiscal year in which this subchapter is enacted for the purpose of developing and carrying out medical information programs under this section on a pilot program basis and for the grants authority in subsection (b) of this section. Pilot programs authorized by this subsection shall be carried out at Veterans Administration hospitals in geographically dispersed areas of the United States. . . .

§ 5056. Coordination with programs carried out under the Heart Disease, Cancer, and Stroke Amendments of 1965

"The Administrator and the Secretary of Health, Education, and Welfare shall, to the maximum extent practicable, coordinate programs carried out under this subchapter and programs carried out under title IX of the Public Health Service Act. . . .

Approved November 7, 1966.

Executive Order 11348, Providing for the Further Training of Government Employees

PART I—GENERAL

SEC. 102. It is the policy of the Government of the United States to develop its employees through the establishment and operation of progressive and efficient training programs, thereby improving public service, increasing efficiency and economy, building and retaining a force of skilled and efficient employees, and installing and using the best modern practices and techniques in the conduct of the Government's business. . . .

LYNDON B. JOHNSON

The White House
April 20, 1967.

Public Law 92-69, 92nd Congress, H. R. 4762, August 6, 1971

AN ACT to amend section 5055 of title 38, United States Code, in order to extend the authority of the Administrator of Veterans Affairs to establish and carry out a program of exchange of medical information.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 5055 of title 38, United States Code, is amended by deleting in the first sentence of subsection (c)(1) "of the first four fiscal years following the fiscal year in which this subchapter is enacted" and inserting in lieu thereof the following: "fiscal year 1968 through 1971, and such sums as may be necessary for each fiscal year 1972 through 1975,".

Approved August 6, 1971.

POLICY MEMORANDUM NO. 2

January 30, 1946

SUBJECT: Policy in Association of Veterans' Hospitals with Medical Schools.

1. General Considerations:

a. **Necessity for Mutual Understanding and Cooperation.** The Department of Medicine and Surgery of the Veterans' Administration is embarking upon a program that is without precedent in the history of Federal hospitalization. It would, therefore, be most unusual if numerous problems did not arise for which no fully satisfactory solution were immediately apparent. Such problems frequently can be solved only by trial and error; and, until workable solutions are found, both parties in the program must exercise tolerance if the program is not to fail.

There can be no doubt of the good faith of both parties. The schools of medicine and other teaching centers are cooperating with the three-fold purpose of giving the veteran the highest quality of medical care, of affording the medical veteran the opportunity for post-graduate study which he was compelled to forego in serving his country, and of raising generally the standard of medical practice in the United States by the expression of facilities for graduate education.

The purpose of the Veterans' Administration is simple: affording the veteran a much higher standard of medical care than could be given him with a wholly full-time medical service.

The purposes of both parties being unselfish, and there being no conflict of objectives, there can be no serious disagreement over methods. It will be recognized that the Veterans' Administration is charged with certain legal responsibilities in connection with the medical care of veterans which it cannot delegate, if it would. Yet the discharge of these responsibilities need not interfere with the exercise by the schools of their prerogatives in the field of education.

All medical authorities of the Veterans' Administration will cooperate fully at all times with the representatives of associated schools and other centers. It is the earnest desire of the Acting Chief Medical Director that our relations with our colleagues be cordial as well as productive.

b. **General Division of Responsibility:** The Veterans' Administration retains full responsibility for the care of patients, including professional treatment, and the school of medicine accepts responsibility for all graduate education and training.

2. The Veterans Administration:

a. Operates and administers the hospital.

b. As rapidly as fully qualified men can be had, will furnish full-time chiefs of all services (see paragraph 5 below) who will supervise and direct the work of their respective staffs, including the part-time attending staff furnished from the School of Medicine, insofar as the professional care of patients is concerned. Nominations by Deans' Committees for such full-time positions will be welcomed; and, unless there be impelling reasons to the contrary, will be approved wherever vacancies exist. These service chiefs are fully responsible to their immediate superior in the Veterans' Administration.

c. Appoint the consultants, the part-time attending staff and the residents nominated by the Deans' Committee and approved by the Veterans' Administration.

d. Cooperate fully with the Schools of Medicine in the graduate education and training program.

3. The Schools of Medicine:

a. Will organize a Deans' Committee, composed of senior faculty members from all schools cooperating in each project, whether or not furnishing any of the attending or resident staff.

b. Will nominate an attending staff of diplomates of specialty boards in the numbers and qualifications agreed upon by the Deans' Committee and the Veterans' Administration. (See 6e)

c. Will nominate, from applicants, the residents for graduate education and training.

d. Will supervise and direct, through the Manager of the hospital **and the Consultants,** the training of residents.

e. Will nominate the consultants for appointment by the Veterans' Administration.

4. Hospital Managers:

a. Are fully responsible for the operation of their hospitals.

b. Will cooperate with the Deans' Committee, bringing to its attention any dereliction of duty on the part of any of its nominees.

5. Chiefs of Service:

a. Are responsible to their superior in the Veterans' Administration for the conduct of their services.

b. Will bring to the attention of their superior, for his action, such cases as they are unable to deal with personally of dereliction of duty or incompetence on the part of any full-time or part-time staffs under their control.

c. Will, **together with the part-time attending staff,** under the direction of the Manager, supervise the education and training program.

d. When full-time employees of the Veterans' Administration, will be diplomates of their respective boards and will be acceptable to the Deans' Committee and to the specialty boards concerned. It is the urgent purpose of the Veterans' Administration to place full-time fully qualified and certified chiefs of service for all services in each hospital associated with a School of Medicine. Except in cases where the chief selected has local affiliations, which might embarrass or prejudice his relations with one or another of the associated schools, his initial assignment may not be cleared through the Deans' Committee. In all cases, when it has been conclusively demonstrated that a chief of service cannot cooperate with a Deans' Committee, he will be transferred (if efficient otherwise) and replaced by another.

Until this purpose can be fully accomplished, however, in order that a hospital may obtain approval for resident training by one or another specialty board, it may be necessary to appoint part-time chiefs of services who meet the requirements of the boards. This will be done; but it will be done with the understanding that the part-time chiefs will be replaced with qualified full-time chiefs as rapidly as they become available. The duties and responsibilities of part-time chiefs will be the same as those of full-time chiefs.

6. Part-time Attending Staff:

a. Will be responsible to the respective chiefs of service.

b. Will accept full responsibility for the proper care and treatment of patients in their charge.

c. Will give adequate training to residents assigned to their service.

d. Will be veterans unless approval in each case has been given by the Chief Medical Director.

e. Will be diplomates of their respective boards and acceptable to such boards for direction of resident training. Exception may be made in the case of a veteran who has completed the first part of his board examination, but whose completion of the examination was interrupted by the exigencies of the military service.

f. Will hold faculty appointments in one or another of the associated Schools of Medicine, or will be outstanding members of the profession of the caliber of faculty members.

7. Consultants:

a. Will be veterans unless approval in each case has been given by the Chief Medical Director.

b. Will be members of the faculty, of professional rank, of one or another of the associated Schools of Medicine.

c. Will, as representatives of the Schools of Medicine, direct and be responsible for the educational training of residents.

d. Will afford to the Manager and the proper Chief of Service the benefit of their professional experience and counsel.

e. Will conduct their duties through, and in cooperation with, the Manager and the proper Chief of Service, **and also, in matters of education and training, with the part-time Attending Staff**—always, however, coordinating with the Chief of Service.

Veterans Administration
Office of Chief Medical Director
MEMORANDUM **Department of Medicine & Surgery**
NO. 10-70-18 **Washington, D.C., August 20, 1970**

SUBJECT: Graduate Education in Health Care Administration

1. General

Our projected losses of health care administrative executives in the VA emphatically points to the urgency of considerably expanding our on-going program of graduate education in health care administration to assure a continuous supply of professionally trained persons of outstanding leadership ability, creative imagination, and sound judgment. This problem is brought into sharp focus when we consider that, in just five years, it is projected that the Department of Medicine and Surgery will lose through reassignment, promotion, death, or retirement, 85 hospital directors, 105 chiefs of staff, and 78 assistant directors.

2. Purpose

a. The purpose of this memorandum is to set forth the policies and procedures under which selection and training of candidates for graduate study are carried out. It is intended to provide basic information and general instruction for all interested DM&S employees in grades GS-7 through GS-14.

b. This is a voluntary system or procedure of application, open to all DM&S employees who meet the predetermined criteria outlined in Program Guide TP-10-17, as modified by this issuance. No employee will be placed in graduate education in the health care administration program unless he or she appears to have potential to reach the executive level in DM&S.

c. This program is intended to greatly expand (to 40 students next fiscal year) the training and intake of graduate students in health care administration into DM&S through our Administrative Residency Program. This is in addition to the direct recruitment of course graduates, which considering the competition, has been very successful.

3. Objectives

a. The primary objective of this program is to provide graduate education in health care administration to personnel who have the learning ability and leadership qualifications to assume the responsibilities of executive level positions within DM&S.

b. The program contemplates that such personnel will create a manpower reservoir for filling responsible top level positions both in field stations and Central Office.

4. Scope

a. Employees selected for graduate education will be in grades GS-7 through GS-14.

b. The number and frequency of study opportunities offered will be determined by available funds and qualified candidates, replacement needs, university admissions, and changing DM&S requirements. The pace of training set on this basis will maintain a balance between training and placement.

c. Prior to assignment as a student, each person selected for graduate study will be required to sign a training agreement to continue serving in the VA for a period up to two years and a written expression of willingness to accept assignment to a position, for which qualified, anywhere in the U.S. after satisfactory completion of training.

5. Program Characteristics

a. This program is a significant part of the Career Development Program and will be conducted in accordance with the principles and practices pertinent to that program.

b. Employees in the field and Central Office, who meet the qualification criteria and make application, will be considered.

c. Basic authorities involved in this program are retained in Central Office. This will include number of trainees to be assigned, selection of trainees, and related funding requirements. The selection of trainees will be made by a high level Executive Development Staff appointed by the Chief Medical Director.

d. The training period varies, but generally is comprised of an academic year at a University and a required number of months of residency training. Regular reports from preceptors and trainees, including a copy of grades, will be required. Progress during the academic portion of the educational assignment is evaluated by grades received from the University. A copy of all grade reports will be forwarded to the Executive Development Staff (13c). Evaluation of progress in the residency training is made and reported in the manner described in TP-10-10 whether or not the residency is combined with Assistant Hospital Director training.

6. Selection of Universities

a. The Executive Development screening panel in Central Office will select the candidates for graduate study and whenever practicable, strive to match individuals' academic background to the individual requirements of the approximately 26 approved schools of health care administration in the U.S.

b. The selected candidate will be notified in sufficient time to make application to the designated University and to make necessary arrangements to take the required tests, if any, for admission.

7. Eligibility Requirements

Criteria used in the selection of candidates:

(1) The candidate must have one year VA experience (prescribed by Government Employees Training Act - employees having less than a year of current continuous service are not eligible for non-government training).

(2) Candidates must have a reasonable likelihood of at least ten more years service, after completion of training, in VA administrative or management positions.

(3) Candidates must be college graduates (accredited school) with above average academic background (B average or numerical equivalent).

(4) The candidate must be in grades GS-7 through GS-14.

(5) Candidate must sign a training agreement and must be mobile.

(6) Candidate must have capacity for and interest in graduate study in health care administration.

(7) Candidate must be appraised as having the potential for assumption of a leadership executive position in the VA.

8. Selection Procedure

a. The candidate must apply using VA Form 10-2340, Qualification Record. The VA Form 10-2340 should be submitted through his or her program chief to the appropriate Assistant Chief Medical Director or Executive Director for Administration for consideration and include a transcript of college records and a narrative paragraph expressing interest in graduate study and a career in health care administration.

b. The Program Chief must interview, evaluate, and give reasons in writing to the appropriate ACMD or Executive Director for Administration as to why he thinks a particular candidate should be included in the program.

c. The ACMD or Executive Director for Administration, as appropriate, must review the transcript of academic record, the supervisory recommendations, the written narrative of the candidate describing his interest, and personally interview the candidate. He must assess career motivation and potential for executive leadership, and then furnish his narrative appraisal of the candidate. Attached is a list of examples of managerial characteristics to assist you in evaluating the proposed candidates.

d. The application (VA Form 10-2340, Qualification Record) with all attachments should be forwarded to the Executive Development Staff (13C) in Central Office no later than *October 15, 1970.*

9. Placement Following Training

Candidates who successfully complete training will be placed in positions that provide for a career progression pattern as illustrated in the attached chart. Movement up this ladder will be on a competitive basis.

/s/BENJAMIN B. WELLS
for M. J. MUSSER, M.D.
Chief Medical Director

Att.
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EXAMPLES OF MANAGERIAL CHARACTERISTICS

1. **Behavioral Range.** Modifies his behavior to fit different or changing situations and individuals.

2. **Range of Interests.** Interested in and knowledgeable about a variety of subjects.

3. **Conceptual Skill.** Spots the key parts of complex problems. Doesn't get lost on minor details.

4. **Decision-Making.** Makes sound and logical decisions.

5. **Decisiveness.** Makes decisions when required. Takes action.

6. **Direction.** Gives direction to and coordinates the activity of others to accomplish a task.

7. **Interpersonal Impact.** Makes a strong impression on others.

8. **Oral Communications.** Makes effective and persuasive oral presentations.

9. **Organizing and Planning.** Arranges and relates work in the appropriate relative priority. Plans for the future.

10. **Perceptiveness.** Absorbs new information and ideas quickly.

11. **Poise.** Performs effectively under difficult conditions.

12. **Sensitivity to People.** Aware of and responsive to the needs and feelings of others.

PROPOSED CAREER PATTERN FOR GRADUATES OF HEALTH CARE ADMINISTRATION PROGRAMS
(Master's Level)

CAREER DEVELOPMENT OBJECTIVES

ADVANCED CONTRIBUTION AND DEVELOPMENT

BROAD FAMILIARIZATION AND FURTHER DEVELOPMENT OF ADMINISTRATIVE PROFICIENCY

NOTE: The assignment possibilities shown here illustrate the wide range of position and grade flexibility intended.

Asst. Hospital Director

Asst. Hosp. Director Trainee

Spec. Asst. to Hospital Director (Required experience)

Associate Director for Allied Health Programs

Asst. Director for Allied Health Programs

Assistant to Director of Education Programs

Management Analyst

Special Assistant to the Asst. Hospital Director

Admin. Assistant to the Chief of Staff

Admin. Officer in such areas as Nursing, Dietetics, Outpatient, Laboratory, X-Ray, Social Work and Others

GS-9	GS-10	GS-11	GS-12	GS-13	GS-14
Up to 2 years	One Year	Two Years	Up to 2 years	Two Years or More	& Above

Veterans Administration **CIRCULAR 10-71-32**
Department of Medicine and Surgery
Washington, D. C. 20420 **February 16, 1971**

SUBJ: Physician's Assistant – Guidelines for Utilization

TO : Directors, VA Hospitals, Domiciliary, VA Outpatient Clinics, and Regional Offices with Outpatient Clinics

1. Guidelines governing areas of utilization and levels of activity for Physician's Assistants employed at VA stations are attached to this circular. These guidelines constitute a framework within which each station employing Physician's Assistants will develop its own local operating policies. The guidelines are issued on an interim basis, pending further development of this new occupation. They are applicable to Physician's Assistants of the type described in Circular 10-70-255 and in the attachments to this circular. Guidelines for utilizing Physician's Assistants who have additional specialty training will be developed by the appropriate categorical program committee or Professional Service in Central Office and issued at a later date.

2. All medical facilities of the VA are appropriate areas of utilization for the Physician's Assistants; however, generalist Physician's Assistants will work primarily on wards, in admitting rooms and outpatient clinics, and in various other areas under the Extended Care Service. They will work directly under the supervision of physicians as members of the health care team, performing duties such as those listed in Attachment I of this circular. The majority of a Physician's Assistant's duties are those now customarily performed by the physician, rather than a combination of duties typically performed by other professional or technical personnel. Service Chiefs at the station will assign the Physician's Assistant either to one physician or to several physicians as one continuous assignment. The immediate responsibility for the actions of the Physician's Assistant will rest with these designated physicians.

3. Within the framework of these general guidelines, the Medical Executive Committee will, subject to approval by the station director, develop operating policies which will govern the scope of duties of Physician's Assistants at their station. Special attention will be given to policies governing drugs, emergency procedures, and management of unconscious patients. These policies should be as specific as required by local circumstances, but general policies, as appropriate, may be needed to adequately cover all generalist Physician's Assistants employed. When approved, two copies of these policy statements will be forwarded promptly to the appropriate Regional Medical Director, Region No._____(11) for information purposes.

4. Appropriate manual changes regarding activities of Physician's Assistants and related responsibility of the Medical Executive Committee will soon be published.

/s/BENJAMIN B. WELLS, M.D.
Deputy Chief Medical Director

Attachments I and II.

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CIRCULAR EXPIRES FEBRUARY 15, 1972

ATTACHMENT I

GUIDELINES* – UTILIZATION OF PHYSICIAN'S ASSISTANTS

1. General Considerations

a. Under supervision of the responsible physician(s), a Physician's Assistant is primarily responsible for performing certain clinical duties now customarily carried out by physicians. The Physician's Assistant is a fully responsible participant on the health team and, as authorized, functions as the direct representative of the physician in all conjoint efforts.

b. These general guidelines are applicable only to Physician's Assistants in the VA who are comparable to "Type A" Physician's Assistants in the terminology of the Board of

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***These guidelines are issued on an interim basis pending further development of the occupation. They will be reviewed and revised, if appropriate, as actual experience with Physician's Assistants working at VA stations is obtained.*

Medicine of the National Academy of Sciences (1970).** Guidelines applicable to areas of utilization and a specialty, e.g., in a medical or surgical sub-specialty, Anesthesiology, Pathology, or Radiology, or for work in a specialty area, e.g., Dialysis Unit, CCU, ICU, or Post-Anesthetic Recovery Room, will be determined separately by the appropriate categorical program committee or Professional Service in Central Office.

c. Within the framework of these general guidelines and with the approval of the station director, the Medical Executive Committee at each station employing Physician's Assistants will develop and publish operating policies covering their areas of utilization and levels of assignment. The Medical Executive Committee will review these guidelines in light of local practices but will develop more explicit criteria for such functions as establishing standing orders for differing situations and delineating what is to be "routine" and "non-routine" for such items as medications and laboratory procedures. The committee should give special attention to the development of policies governing emergency procedures (See Section 3b and 3c), including evaluation of patients who are admitted unconscious. These policies will define clearly the assignment of physician responsibility for the Physician's Assistant's actions in emergency situations.

d. These guidelines are indicative of the types of duties and levels of responsibility to be assigned to Physician's Assistants. Each Physician's Assistant need not necessarily be assigned to perform all the duties considered appropriate by the Medical Executive Committee. Further, the duties to be performed by individual Physician's Assistants need not be listed separately by the committee. Each Physician's Assistant should be considered individually and be assigned only those duties which are commensurate with his training and competency.

e. Physician's Assistants should be prepared to work on any shift or on rotating shifts, or on a call-back basis 24 hours per day, 7 days per week, consistent with applicable Civil Service regulations and VA policy.

2. Areas of Utilization

a. All medical facilities in the VA are appropriate areas of utilization for Physician's Assistants, functioning in accordance with the local operating policies promulgated by the hospital Medical Executive Committee. Generalist Physician's Assistants will perform duties primarily on wards, in admitting rooms and outpatient clinics, and in various other areas under the Extended Care Service.

b. Physician's Assistants will be assigned to the various clinical services, with continuing work assignments under the designated supervising physician(s) being made by the Service Chiefs. Physician's Assistants may assume many of the duties undertaken by the physician Officer of the Day, so long as this physician is available for consultation at all times.

c. The optimum ratio of Physician's Assistants to physicians in a given area of utilization has not been determined at this time.

3. Levels of Assignment

a. **Duties which may be performed by the Physician's Assistant as a part of his routine work assignment.** Histories, physical examinations, and other chart entries must be reviewed by the responsible physician(s). Orders by the PA will be carried out when written but must be reviewed and countersigned by the responsible physician as soon as feasible, but normally within 24 hours. The Physician's Assistant may decide to admit a patient, but any decision to reject or to discharge a patient from inpatient or outpatient care shall remain with the physician(s). Duties falling in this category include:

(1) Performing initial histories and physical examinations on new patients, both inpatients and outpatients, and those in Extended Care programs, and indicating medical problems.

(2) Performing staff examinations, e.g., 2507, 10-P-10, PBC, and PHC examinations, on outpatients and also employee health examinations.

(3) Performing periodic physical examinations on long term patients and domiciliary patient members.

***The complete definition of Physician's Assistants of Types A, B, and C as promulgated by the NAS are given as Attachment II.*

(4) Ordering appropriate laboratory tests, x-rays, EKG, and comparable procedures, according to criteria previously established by the responsible physician(s) and the Medical Executive Committee.

(5) Drawing blood specimens for testing and performing other comparable procedures when personnel who customarily perform such procedures are not available.

(6) Ordering routine medications (See also B 12 & 13 and C 8).

(7) Initiating consultations and monitoring scheduling of patients for special tests.

(8) Making daily rounds to observe and record pertinent progress of patients, updating and summarizing charts, changing orders when appropriate, and notifying the responsible physicians of changes in the patient's condition.

(9) Making interim summaries, as required.

(10) Dictating required notes on all procedures performed for which he is responsible and which fall in category A.

(11) Counseling the patient and his family as to preventive care, medical problems, and the use of prescribed treatment and drugs.

b. **Duties which may be performed by the Physician's Assistant only upon specific order by the responsible physician(s).** Where appropriate, the Physician's Assistant should remain in consultation with the responsible physician(s) during the performance of the procedure(s). These procedures include:

(1) Performing routine incisions and drainage.

(2) Performing wound care and debridement.

(3) Performing nasogastric and nasotracheal intubations.

(4) Performing gastric analyses.

(5) Performing lumbar punctures.

(6) Performing routine suturing of lacerations.

(7) Performing diagnostic tests such as insulin, I. V. glucose tests, and tolbutamide tolerance tests.

(8) Performing tissue biopsies.

(9) Performing paracentesis.

(10) Performing thoracentesis.

(11) Placing indwelling arterial catheters and making blood gas determinations.

(12) Ordering and administering non-routine medications.

(13) Starting I. V. solutions and administering I. V. medications.

(14) Applying and removing casts and traction apparatus.

(15) Dictating notes on procedures and tests performed which fall in category B for review and countersigning by the responsible physician(s).

If an emergency situation exists, the Physician's Assistant may perform all the duties listed in category B without specific orders by a responsible physician *except* numbers 5, 7, and 8. (See Section 1c.)

c. **Procedures which may be performed by the Physician's Assistant in an emergency situation pending the availability of a physician.** These procedures include, among others:

(1) Managing cardiac arrest patients, including use of external cardiac compression.

(2) Managing acute respiratory failure patients.

(3) Managing life-endangering traumatic injuries.

(4) Initiating electro-defibrillation.

(5) Passing endo-tracheal tubes.

(6) Ordering and administering oxygen.

(7) Ordering and starting whole blood.

(8) Administering emergency medications.

The Physician's Assistant may be permitted to carry out additional emergency procedures falling within his competence as authorized by the Medical Executive Committee in accordance with these guidelines (See Section 1c.) Management of patients who are admitted unconscious will always be directly assumed by the responsible physician with the exception of life-endangering situations listed in category C.

d. **Additional duties which may be performed by the Physician's Assistant in accordance with directives if such duties are representative of those duties normally carried on by the(se) physician(s):**

(1) Administrative duties.

(2) Clinical educational duties.

(3) Clinical research duties.-

ATTACHMENT II

FROM: NATIONAL ACADEMY OF SCIENCES. New Members of the Physician's Health Team: Physician's Assistants. Washington, D.C., 1970 pp. 3-4.

CATEGORIES OF PHYSICIAN'S ASSISTANTS

The Type A Assistant

The Type A assistant is capable of approaching the patient, collecting historical and physical data, organizing these data, and presenting them in such a way that the physician can visualize the medical problem and determine appropriate diagnostic or therapeutic steps. He is also capable of assisting the physician by performing diagnostic and therapeutic procedures and coordinating the roles of other, more technical, assistants. While he functions under the general supervision and responsibility of the physician, he might, under special circumstances and under defined rules, perform without the immediate surveillance of the physician. He is, thus, distinguished by his ability to integrate and interpret findings on the basis of general medical knowledge and to exercise a degree of independent judgment.

The Type B Assistant

The Type B assistant, while not equipped with general knowledge and skills relative to the whole range of medical care, possesses exceptional skill in one clinical specialty or, more commonly, in certain procedures within such a specialty. In his area of specialty, he has a degree of skill beyond that normally possessed by a Type A assistant and perhaps beyond that normally possessed by physicians who are not engaged in the specialty. Because his knowledge and skill are limited to a particular specialty, he is less qualified for independent action. An example of this type of assistant might be one who is highly skilled in the physician's functions associated with a renal dialysis unit and who is capable of performing these functions as required.

The Type C Assistant

The Type C assistant is capable of performing a variety of tasks over the whole range of medical care under the supervision of a physician, although he does not possess the level of medical knowledge necessary to integrate and interpret findings. He is similar to a Type A assistant in the number of areas in which he can perform, but he cannot exercise the degree of independent synthesis and judgment of which Type A is capable. This type of assistant would be to medicine what the practical nurse is to nursing.

Veterans Administration
Department of Medicine and Surgery
Washington, D.C. 20420

CIRCULAR 10-71-263
December 9, 1971

SUBJ: Medical House Staff Training - FY 1973

TO: Directors, VA Hospitals, VA Domiciliary, VA Outpatient Clinics, Regional Offices with Outpatient Clinics; Chief, VA Prosthetics Center, New York, N.Y.

1. House staff training in the Veterans Administration is

intended to satisfy appropriate specialty and subspecialty board requirements as expeditiously as possible. The level of appointment and of remuneration must correlate with the level of appropriate training achieved by the appointee:

a. House staff appointments must be limited in duration to the number of years needed to satisfy the requirements of the respective specialty and subspecialty Boards.

b. The level of appointment of each house staff physician will be determined by the number of prior years of required, Board-approved training already completed in that particular specialty. Where the acceptability of a house staff physician's prior training is uncertain, the physician should be advised to obtain a statement from the appropriate Board appraising his training and indicating any additional requirement.

c. House staff who have completed their primary specialty requirements without including a subspecialty year of training may be appointed for training in approved subspecialty programs for the period of time required by the appropriate Board. The house staff physician will be expected to move directly from his primary board training into subspecialty training.

d. Physicians who have already completed the required training for one specialty and/or subspecialty Board cannot be provided further house staff training.

e. Chief Residents appointed under the provisions of MP-5, Part II, Chapter 3, may be residents who have completed their Board training requirements. Such appointments may be for only one year beyond the required training period.

2. Career Residency appointments are available in Dentistry, Neurology, Pathology, PM&R, Psychiatry, and selected surgical specialties upon special request, justification, and approval for each proposed candidate:

a. Stations with prospective physician candidates for the Career Residency Program will submit an employment application, a curriculum vitae, and a training outline with supporting justification for each recommendation to the appropriate Regional Medical Director, Region____(152). Except for this requirement, all candidates (physicians and dentists) will be processed in accordance with current appropriate directives. Accordingly, other appointment documents, such as board action papers, should not be submitted for this purpose.

b. Through this review procedure (a) concurrence will be secured for well qualified candidates to meet the particular needs of each specialty and (b) funds will be assured for the training of each approved candidate. Positions and funds are no longer allocated automatically each fiscal year to individual hospitals based on the past fiscal year's allocations.

3. Instructions in M-3, Part II, Paragraph 2.12 (Interim Issue 10-70-21) relative to the two acceptable types of residency arrangements (e.g., collaborating and affiliating) and to time for which residents may be paid by the Veterans Administration, should be adhered to strictly.

4. In addition to the guidelines in paragraph 1 above pertaining to levels of appointment, the level of remuneration will be determined in relation to the index hospital stipend plan. A physician in his first year of house staff training, regardless of whether he is called an intern or resident, should be paid at that level which the index hospital will pay physicians at similar levels of training.

5. DM&S Circular No. 10-71-9, dated January 9, 1971, is rescinded.

/s/BENJAMIN B. WELLS, M.D.
Deputy Chief Medical Director

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CIRCULAR EXPIRES DECEMBER 8, 1972

The following publications to which text references are either so general or so inclusive as to make reproduction here impractical, are alphabetically listed by title only. They are available for review at most VA hospitals and at Central Office.

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